

THE GRAY LINE



WARRANTY

WARRANTY OF FREEDOM FROM DEFECTS IN MATERIAL AND WORKMANSHIP.

This lift is warranted to be free from any defect in material and workmanship under normal use. Gray's obligation under this warranty is limited to the original purchaser only and is to correct and repair, or to supply parts for repair by the owner on a no-charge exchange basis, any such defect in material and workmanship without charge during

the life of this lift, if inspection and examination by Gray shows a part or component to be defective. At the option of the purchaser, the lift will be repaired under this warranty at Gray's plant, but all transportation charges shall be paid by the purchaser. At Gray's option, the lift may be replaced in lieu of repaired.

WARRANTY AGAINST DAMAGE OR WEAR FROM NORMAL USE AND SERVICE.

This Gray air lift is also guaranteed for the period stated below against all types of damage and wear resulting from normal use and service, which makes the lift unfit for service. Gray's obligation under this warranty is to repair, or to supply parts for repair by the owner on a no-charge exchange basis. At the option of the purchaser, the lift will be repaired

under this warranty at Gray's plant, but all transportation charges shall be paid by the purchaser. At Gray's option, the lift may be replaced in lieu of repaired. This warranty is effective for the period set forth below for various equipment, commencing on the date of purchase by the original purchaser.

The above warranties are expressly in lieu of all other warranties, expressed or implied, including the warranties of merchantability and fitness for use and of all other obligations and liabilities on the part of Gray Manufacturing Co., Inc., and Gray neither assumes, nor authorizes any other person to assume for it, any other liability in connection with the sale of this lift. These warranties shall not apply to any lift, or part or component thereof,

which has been subject to accident, negligence, alteration, abuse or misuse, or which has been modified or used for purposes other than those set forth in the operating instructions without the expressed, written consent of Gray Manufacturing Co., Inc. Alteration, modification or use of this lift for purposes other than those set forth in the operating instructions may be unsafe and will void these warranties.

One Year Warranty covers the following equipment:

HTJ-800 Transmission Jack

TJ-750 Transmission Jack

LTL-300 Loaded Trailer Lift

LSJ-125 Lightweight Service Jack

MM-2000 Multi-matic Transmission Jack

Two Year Warranty covers the following equipment:

BF100 Portamatic Air Lift

Portamatic 200 Air Lift

Portamatic 350 Air Lift

APJ 200 Air Service Jack

ASJ 4000 MaxOMatic Air Lift

TSJ-55 Truck Scissors Jack

FLJ 400 Walking Beam Jack

APL 1000 Platform Lift

TNT 550 Truck N' Trailer Lift

G/T-PL-1000 Garden Tractor Platform Lift

FREE SERVICE

MAINTENANCE FREE SERVICE—Gray assures you of maintenance free service. We cannot risk having our customers worried or upset about repairs. Our equipment is designed and built so well it rarely requires any special attention. But, if wear or damage require it you needn't worry about service.

PARTS SHIPPED SAME DAY—Most orders for parts are processed and in the mail the same day they are received—this is a matter of rigidly enforced company policy.

SIMPLE DESIGN—Most Gray air lifts are simple in design and require no special training or tools for most adjustments, and repairs, should any be necessary. Quickly done (15 to 30 minutes) on your premises, down time is avoided.

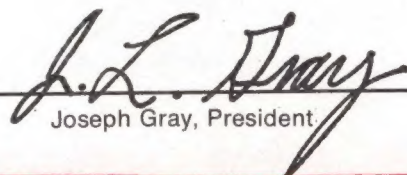
RECONDITIONED FREE OF CHARGE—All Gray air lifts returned to the factory for service are disassembled when necessary, completely rebuilt, tested for like-new performance and given a new paint job. If the lift was damaged through normal use and is covered by this guarantee, there is no charge for this service but the customer must pay transportation costs to and from the factory.



GRAY Manufacturing Company, Inc.

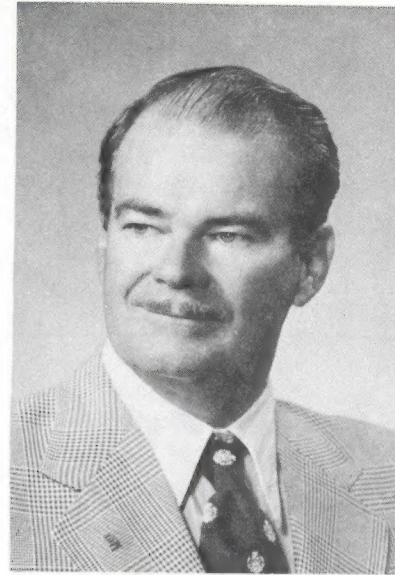
1316 Frederick Ave.

St. Joseph, Missouri 64501


Joseph Gray, President



Joseph H. Gray
Founder
and
First President



Joseph L. Gray
President

GRAY NUMBER ONE IN THE FIELD OF MOBILE LIFTING EQUIPMENT

Gray Manufacturing Company, a Missouri Corporation, was founded prior to 1920 in St. Joseph, Missouri, by Joseph H. Gray, a pioneer in the field of automotive tire repair and recapping.

During visits to TBA and Tire Repair stores throughout the Midwest, Mr. Gray noted the tremendous need for updated shop equipment. Having a very inventive mind, he developed new equipment and obtained his first patent in 1925.

Gray's first 100% air-operated end lift was introduced to the automotive market in 1952. Literally thousands of this original design are still in use throughout the Country.

Gray has grown from a small operation to its present general office and manufacturing facilities covering over 80,000 square feet of floor space. They presently have well over 100,000 air jacks in use over the United States and Canada.

Gray's President and Vice-President, both being Graduate Engineers, foresaw the need of an adequate research and development Engineering Staff. This Engineering Department, since its inception, has an impressive record of new products for the automotive and industrial aftermarket.

Of particular interest is the outstanding Warranty Gray offers on all of their products. We feel this Warranty is the longest and strongest offered to the market today.

For the past 30 years, Gray has limited the sale of products to the United States and Canadian markets. However, as the need for virtually maintenance-free, long-lasting and versatile equipment was evident abroad, they are now introducing their products to the World Market.

Dependable Lift

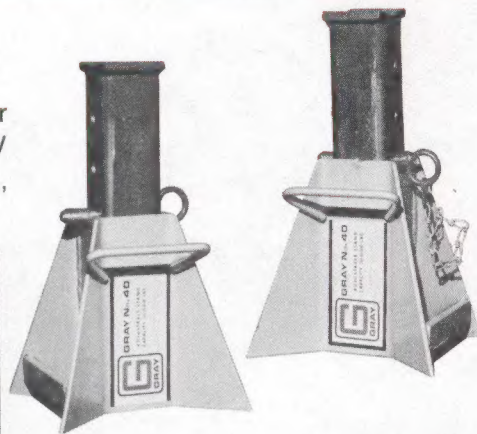
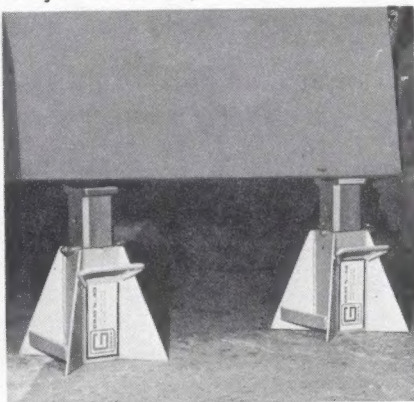
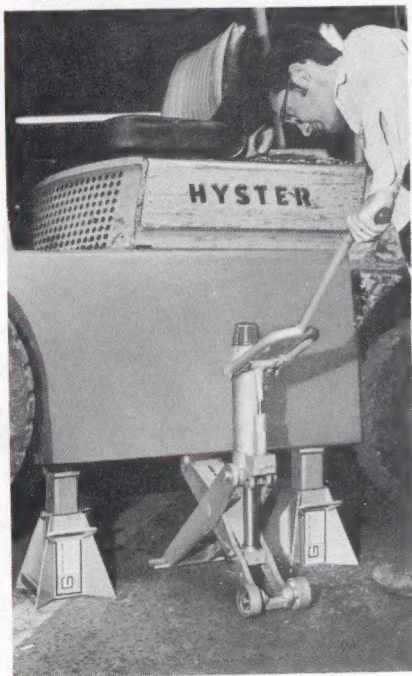
No. 12 Stands

These stands adjust from 19 to 31 inches in 2-inch increments, and have a capacity of 4,000 pounds per pair. No. 12 stands may be used to stabilize a car for transmission removal and repair, exhaust work, shock absorber installations, etc., without tying up a lift. Also used in body shops to make lower body areas more accessible. Weight: 25 pounds per pair.

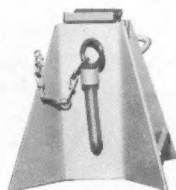


ALL NEW FROM GRAY... No. 40 Fork Lift Stands

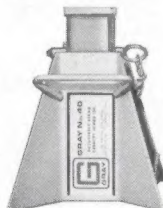
The No. 40 adjustable Fork Lift Stands are a definite answer to your fork lift and heavy equipment repair problems. Dependable and easy to use. Built to the same high standards of quality and engineering that are common to all Gray equipment. The No. 40 stands adjust in 2" increments and have a rated capacity of 20,000 pounds per pair.



- PAD 2½" x 3½"
- BASE (APPROX.) 7¾" SQUARE
- WEIGHT (PAIR) 31 LBS.
- RATED CAPACITY . . . 20,000 LBS. PER PAIR



CLOSED POSITION
HEIGHT 8½"



FIRST POSITION
HEIGHT 10"



SECOND POSITION
HEIGHT 12"



THIRD POSITION
HEIGHT 14"

Accessories help you get any service job off the ground

No. 35 Truck-n-Tractor Stands

These stands are rated at 24,000 pounds a pair, and adjust from 20 to 32 inches in height in 2-inch increments. They are ideal for supporting a tractor to speed transmission removal, brake work, or axle repair. No. 35 stands may also be used to support engine components. Weight: 90 pounds per pair.



No. 35 stands are ideal for supporting the tractor of an over-the-road rig, freeing lifts.



No. 55 Truck-n-Tractor Stands

These stands are rated at 24,000 pounds per pair, and are ideal for working on the trailer portion of an over-the-road rig. They adjust from 30 to 52 inches in 2-inch increments, and are equipped with wheels for easy handling. Weight: 150 pounds per pair.

◀ No. 55 Truck-N-Trailer stands free lifts while elevating trailers for spring replacements and tire repairs.

Steel wheels make No. 55 Truck-N-Trailer stands easy to move from job to job. ▶



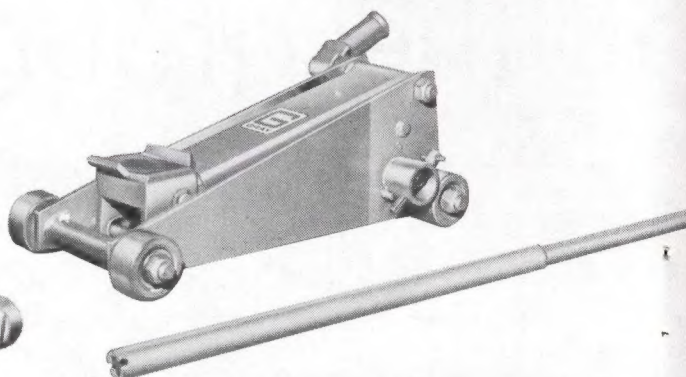
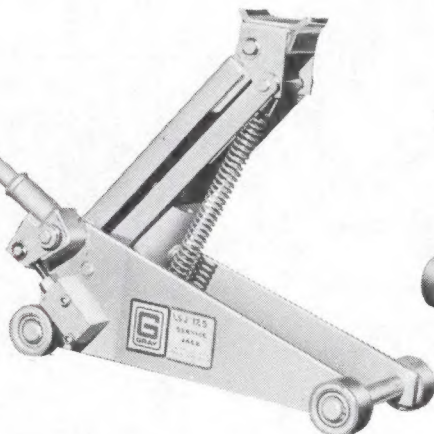
PRESENTING THE



LSJ-125

**SUPER PORTABLE...SUPER
LIGHTWEIGHT ROADSIDE
SERVICE JACK.**

**A MUST FOR
EMERGENCY CALLS...
EACH OF YOUR SERVICE
VEHICLES SHOULD HAVE ONE.**



Easy Access On Curb Sides



Front Lift With Ease

CHECK THESE FEATURES:

Lightweight—Only 38½ lbs., Combines Portability with High Speed Performance

Compact—For Easy Storage In Your Service Vehicles, Car or Garage

Outstanding Dependability—Heavy Welded Steel Construction

Ready For Instant Use, Easy To Position—Easy To Lift

Controlled Rate of Descent

Telescopic Handle Removes Quickly, Without Tools, Allows Carrying and Handling with Ease For Close In Curb Situations. Handle Inserts Into Socket On Side Of Frame

Relief Valve Prevents Overloading

ONE YEAR GUARANTEE



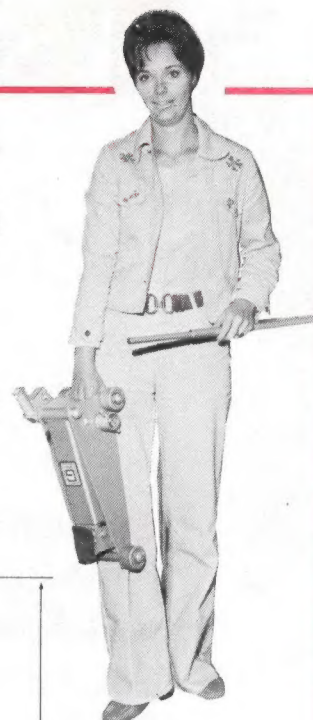
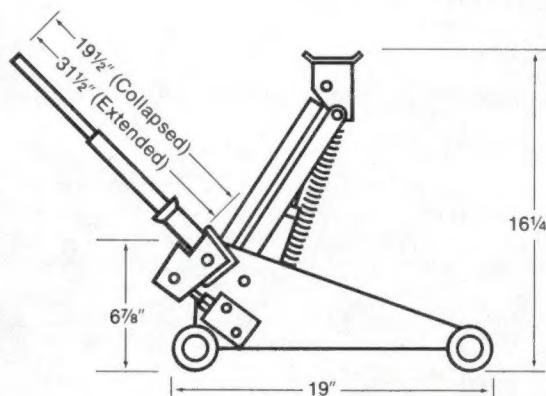
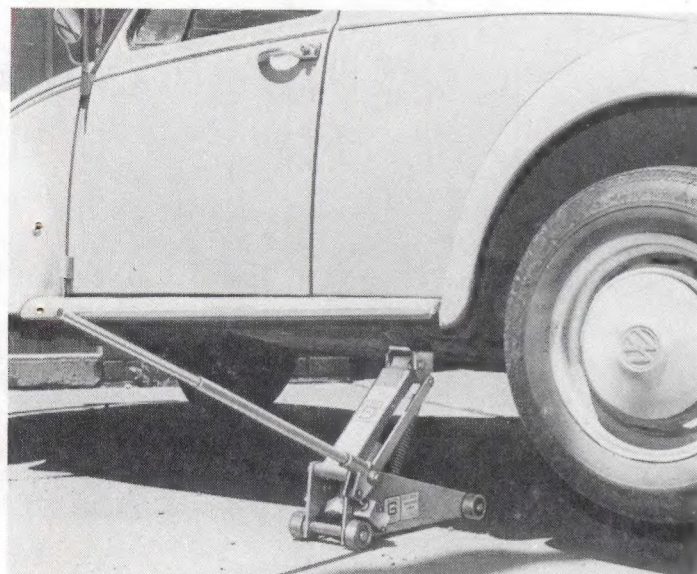
LSJ-125

LIGHTWEIGHT PORTABLE SERVICE JACK

GRAY is proud to announce this remarkable compact lightweight portable jack. Every problem of the hard to handle in shop, road and house calls, has been taken into consideration in the design of this excellent piece of equipment.

You can easily carry your LSJ-125 right to the job. You can lift cars and trailers from the side or under the frame, quickly and efficiently with minimum effort.

The LSJ-125 is a must for each of your service vehicles.



ONE YEAR GUARANTEE

The LSJ-125 is guaranteed for one year against all types of damage, resulting from normal use, which makes the jack unfit for service. It also carries a lifetime guarantee against defects in parts or workmanship.

S P E C I F I C A T I O N S

Powered Lift	12 3/8"
Rated Capacity	2,500 lbs.
Minimum Height	3 7/8"
Maximum Height	16 1/4"
Highest Point of Chassis	6 7/8"
Width (Widest Part)	8 1/2"
Length of Chassis	19"
Length of Handle (Collapsed)	19 1/2"
Length of Handle (Extended)	31 1/2"
Weight	38 1/2 lbs.

Specifications subject to change without notice

GRAY Manufacturing Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501
Telephone 800-821-7320 (Toll Free)

NEW BF-100 PORTAMATIC®

Just quickly scoot the PortaMatic to the car or light truck you want to lift. Smooth air control allows you to "inch" the car into perfect position and get your work done safely. Service stations, garages, automobile dealers and tire shops have made the PortaMatic the world's most popular portable air lift.

specifications:

DIMENSIONS: Overall size—Width 34½"; Depth 30" Height 53¼". Height of lift at maximum is 82" Weight 217 lbs.

CAPACITY: 4000 lbs. at 160 lbs. air pressure. Lifts one end of vehicle weighing up to 8000 lbs. Works well on less air pressure, lifting standard cars with only 100-125 psi. Light trucks and buses may be handled on 125-160 psi, depending on weight.

SADDLE SPREAD: From 34½" to 56", provides the necessary range of saddle positions to lift cars, buses and light trucks.

LIFTING HEIGHT: 41" by Frame Yokes and 37" by Rubber Bumper Saddle pads permits wheels to drop down away from body and frame. Places all parts within easy reach. Plenty of working room.

AUTOMATIC SAFETY LOCKS: Engage mechanically at five levels. Simple one-hand movement operates air control valve and safety lock release to lower lift. Safety locks will support full load independent of air pressure.

AIR CONTROL VALVE: Two stage, with infinite graduations allowing load to be "inched" up or down. Air connection for quick coupler. Air hose may be disconnected after raising load.

Specifications subject to change without notice.



GRAY Manufacturing
Company, Inc.
1316 Frederick Avenue
St. Joseph, Missouri 64501



U.S. PATENT NO. 3,302,927

RUBBER LIFTING SADDLES: 6" x 6" tough rubber pad, 1" thick, cushions load over 12 inches of saddle surface. Safety stops front and rear. Saddle assembly is removable and may be rotated in four different positions for easier lifting.

STEEL LIFTING YOKES: For frame lifting, are 3 inches wide and 3 inches above the saddle surface. Overcomes fancy bumper designs, trailer hitches and other lifting obstructions. Yokes swivel for easy positioning and are designed to cradle the frame or bumper support brackets.

FORWARD REACH: 17" allows unit to reach correct contact points and lift vehicles including most pointed nose sports models.

GROUND CLEARANCES: Lifting surface of frame yoke is 11½ inches from the floor when the pad assembly is positioned with the yokes to the front. This allows movement under low-slung vehicles. Rubber Lifting Pads are 8 inches from the ground when the yoke holder is positioned at the front of the lift and 8¾ inches when the saddle is reversed 180 degrees.



BF-100 PORTAMATIC®

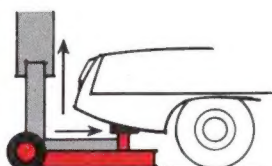
"the air-powered lift that handles cars by bumper or frame"

The PortaMatic is the most rugged, dependable portable lift you can use. Lifts safely by bumper or frame. You can tie up ten times as much money, but you can't buy more lift.



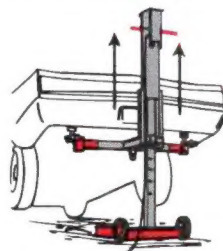
USE IT ANYWHERE

It's portable with big 8" semi-pneumatic tires. Take it right to the job, even on gravel.



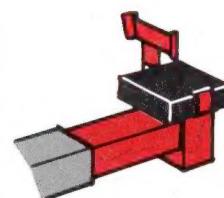
LONG REACH, SOLID FOOTING

With forward reach of 17" you can lift the tough ones easily. Steel base grabs the floor and holds the load steady.



LIFT 2 TONS TO 41 INCHES

All it takes is just the touch of a finger. 110 lbs. air pressure for cars, or 160 lbs. for light trucks.



LIFT BUMPER OR FRAME

Lift with 6" rubber bumper pads or use swivel steel yoke for solid bumper or frame contact.

Over 100,000 PortaMatics are in use in shops across the country. Not one cent has yet been charged for repair.* This is the lift that revolutionized portable lifting and automotive equipment warranty policies. It is so well designed and built that it gives more labor-saving service than any other lifting unit.

TWO-YEAR GUARANTEE

This Gray Air Lift is guaranteed for two years against all types of damage resulting from normal use which makes the lift unfit for service, with life-time guarantee against defects in parts or workmanship.

*As covered by Gray's 2-year warranty.

GRAY Manufacturing Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501
800 - 821 - 7320 (TOLL FREE)

NEW PORTA[®]MATIC 200

Just quickly scoot the PortaMatic to the car or light truck you want to lift. Smooth air control allows you to "inch" the car into perfect position and get your work done safely. Service stations, garages, automobile dealers and tire shops have made the PortaMatic the world's most popular portable air lift. It is so well designed and built that it gives more labor-saving service than other lifting equipment.

specifications:

DIMENSIONS: Overall size—Width 31¼"; Depth 30"; Height 53¾". Weight 240 lbs.

CAPACITY: 4000 lbs. at 160 lbs. air pressure. Lifts one end of vehicle weighing up to 8000 lbs. Works well on less air pressure, lifting standard cars with only 100-125 psi. Light trucks and buses may be handled on 125-160 psi., depending on weight.

SPREAD: From 31¼" to 56" provides the necessary range of saddle positions to lift cars, buses and light trucks. From 24¾" to 55¾" with yokes for lifting cars by the bumper.

LIFTING HEIGHT: 41½" by Frame Yokes and 39" by Rubber Bumper Saddle pads permits wheels to drop down away from body and frame. Places all parts within easy reach. Plenty of working room.

FULL-TIME SAFETY LOCKS: Engage automatically at five levels. Simple one-hand movement operates air control valve and safety-lock release to lower lift. Safety locks will support full load independent of air pressure.

AIR CONTROL VALVE: Two stage, with infinite graduations allowing load to be "inched" up or down. Air connection for quick coupler. Air hose may be disconnected after raising load.



U.S. PATENT NO. 3, 302, 927; 3,693,938

RUBBER LIFTING SADDLES: 6" x 6" tough rubber pad, 1" thick, cushions load over 12" of saddle surface. Safety stops on three sides.

STEEL LIFTING YOKES: For frame lifting, are 3" wide and 3" above the saddle surface. Overcomes fancy bumper designs, trailer hitches and other lifting obstructions. Yokes swivel for easy positioning and are designed to cradle the frame or bumper support brackets.

FORWARD REACH: 18½" allows unit to reach correct contact points and lift vehicles, including most pointed nose sports models (19¼" with yoke).

GROUND CLEARANCES: Lifting surface of frame yoke is 11½" from the floor when the pad assembly is positioned with the yokes to the front. This allows movement under low-slung vehicles. Rubber Lifting Pads are 8½" from the ground when the yoke holder is positioned at the front of the lift. Saddles are height adjustable and rotatable through 180°.



GRAY Manufacturing Company, Inc.

1316 Frederick Ave.
St. Joseph, Missouri 64501

Specifications subject to change without notice.

Telephone 800-821-7320 (Toll free)

Rugged, Dependable Completely Portable For Cars & Light Trucks

PORTA[®] 200 Bumper & Frame Car Lift



PortaMatic, the most rugged, dependable portable lift you can use has been redesigned to give greater versatility. Now, it is more mobile. It handles a larger variety of cars. The lifting pads are easy to adjust and work around trailer hitches. Thousands of PortaMatic users were asked for suggestions. Changes were made to provide you with an air-powered lift that will out-perform and out-last any lift on the market.

TWO-YEAR GUARANTEE

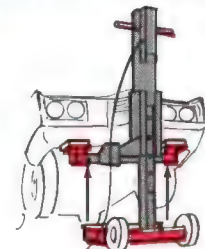
This Gray Air Lift is guaranteed for two years against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship.

GRAY Manufacturing Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501
Telephone 800-821-7320 (Toll free)



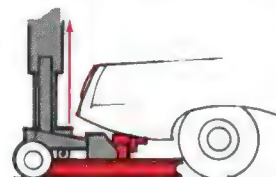
ROLLS EASY

It's portable with big 8" semi-pneumatic tires. Take it right to the job, even on gravel.



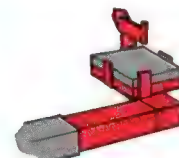
LIFT 2 TONS TO 41½ INCHES

All it takes is just the touch of a finger. 80 lbs. air pressure for cars, or 160 lbs. for light trucks.



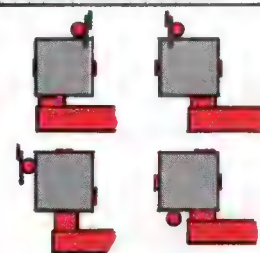
LONG REACH, SOLID FOOTING

With forward reach of 18½" you can lift the tough ones easily. Steel base rests firmly on the floor and holds the load steady.



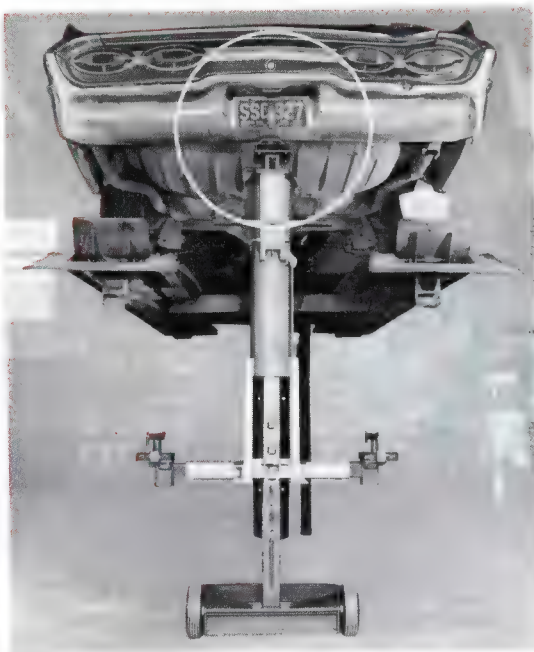
LIFT BUMPER OR FRAME

Lift with 6" rubber bumper pads or use swivel steel yoke for solid bumper or frame contact. Saddle pad and yoke mountings are offset to provide maximum adjustments. Saddle assemblies are interchangeable.



RUBBER LIFTING SADDLES

Saddle assembly adjusts vertically, is removable and may be rotated in four different positions for easier lifting.

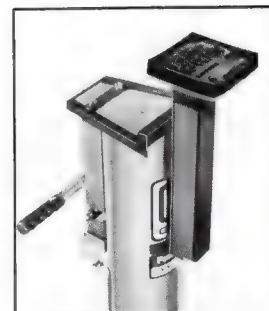


Hi-Lift Adapter

This is a rubber padded saddle that fits on top of the BF-100 or Portamatic 200 air cylinder. A lift equipped with the Hi-Lift adapter can help speed underbody repairs on cars elevated on drive-on hoists. The Hi-Lift raises the car to provide adequate clearance for exhaust work, shock absorber installations, etc. It may also be used with frame-contact lifts. Weight: 16 pounds.

◀ Motor mount replacements, ball joint lubrication and replacement, transmission work, exhaust work, and shock absorber replacement are just a few of the jobs made easier by the Hi-Lift Adapter.

The Hi-Lift Adapter mounts on the top plate of the air lift cylinder. ▶



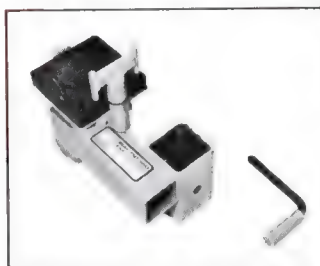
TNT Car Lifting Adapters

These adapters permit the TNT 550, which is basically a truck lift, to be used for cars. The Car Lifting Adapter is equipped with rubber-padded saddles and steel yokes for lifting cars by the bumper, frame, or bumper bracket. Weight: 45 pounds.

CAUTION: The Car Lifting Adapter should be used for automobiles only. **DO NOT** use Car Lifting Adapter for heavier vehicles.

The Car Lifting Adapter permits the TNT 550 to be used with cars. ▶

The Car Lifting Adapter is equipped with rubber-padded saddles and steel yokes. ▶



GRAY Manufacturing Company, Inc.

1316 Frederick Ave./St. Joseph, Missouri 64501

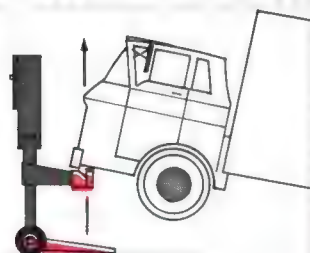
1-800-821-7320 (TOLL FREE)

Get A Lift From **GRAY**

NEW

PORTA[®]MATIC 350

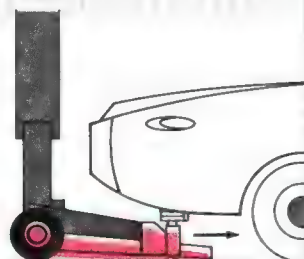
The one
air-powered
endlift
designed
to handle
both cars
and trucks!



3½-TON CAPACITY

Only 160 psi required to lift 3½ tons direct weight — adequate for all but the largest trucks, school buses, etc.

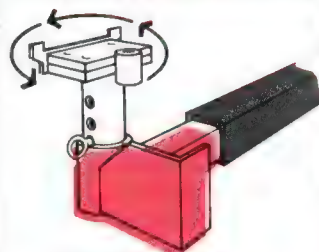
44" Maximum Height.



LOW PROFILE

Minimum starting height — only 10 inches — allows unit to be positioned under any standard auto.

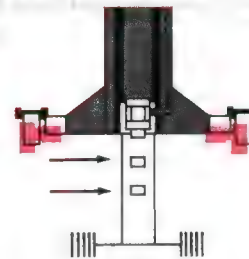
21" Forward Reach.



FRAME CONTACT, TOO

Swiveling steel yokes cradle frame or bumper bracket; may be inserted in chassis holes, bumper slots.

Starting Height 10" to 15".



SAFETY LOCKS

Raised jack is secured mechanically at 4 levels, even after air hose is removed for use elsewhere.

Saddle Spread 27 to 56".

Now, an air-powered truck jack that you can roll under any standard automobile! The PortaMatic 350 is small enough for cars ... with the oomph and lifting height required for all but the largest trucks and buses. Unique, full-rotation saddle assembly combines tough rubber pads (for mar-free bumper lifting) with swiveling steel yokes. Frame members, chassis lift holes, bumper brackets, even new "slotted" bumpers — the PortaMatic 350 can grip 'em all!

TWO - YEAR GUARANTEE

against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship. By the builders of the PortaMatic 100, the world's most popular air-powered endlift.



GRAY Manufacturing Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501

Telephone 800-821-7320 (Toll Free)



GRAY'S ALL-NEW APJ-200 AIR-POWERED JACK

*The only one of its kind
in the world!*



- ★ virtually maintenance free
- ★ fast and efficient
- ★ ease-of-mind safety lock
- ★ two year guarantee



MANUFACTURING COMPANY, INC. / 1316 Frederick Ave. / St. Joseph, Missouri 64501

A revolution to the industry!

Gray's new improved APJ-200 air-powered jack provides labor-free lifting of domestic and foreign automobiles and light trucks.

The patented air-power system uses shop air (160 p.s.i.) to lift up to 4000 pounds and offers such revolutionary features as:

1. VIRTUALLY NO MAINTENANCE. By being 100% air powered, the Gray APJ-200 system eliminates many close fitting parts that are expensive to repair.

2. FASTER AND MORE EFFICIENT than ever before, the Gray APJ-200 lets you get to work in less than 15 seconds. And all the controls are at the handle so that you work with a minimum of effort. Plus, there's absolutely no pumping necessary!

3. UNIQUE SAFETY LOCK. Two position, mechanical safety catch allows you to concentrate on your job - and not have the worry of slipping or shifting.

4. SWIVELING LIFT PAD AND MECHANICAL SAFETY MECHANISM allow you to move a car on the jack. Exhaust air from the jack so car is supported on low safety position when moving car on jack.

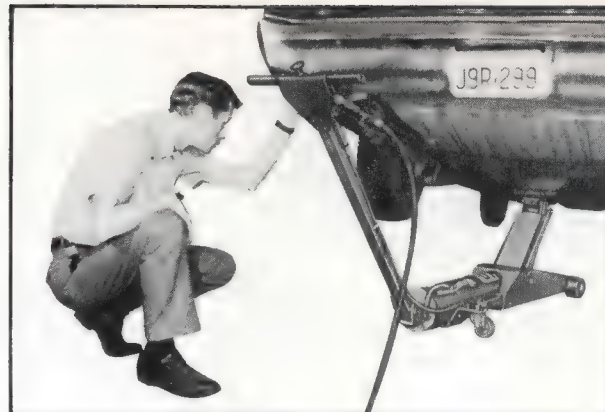
SPECIFICATIONS

Operation	Completely air operated — no liquids are used.
Load Capacity	4000 lbs. at 160 p.s.i. air pressure.
Mechanical Safety	Engages automatically at 2 levels as load is raised. Safety lock will support load independent of air pressure.
Handle	Adjusts and locks in three positions.
Lifting Height	From 4¾ inches to 20¾ inches without adapter. From 7¼ inches to 23¾ inches with adapter.
Adapter	Supplied with Jack. Increases lift height 2½ inches. Secured to lift pad with one bolt.
Lift Pad	7½ inch diameter, swiveling.
Dimensions	Width: 14¾ inches at widest point. Length: 54½ inches. Floor Clearance: (nominal) ¾ inches. Overall Height of Frame: 7¾ inches.
Air Control Valve	2-Stage air control valve gives position control when raising or lowering the load.
Shipping Weight	200 lbs. with Adapter.
Guarantee	The APJ-200 is guaranteed for two years against all types of damage resulting from normal use which makes the machine unfit for service.

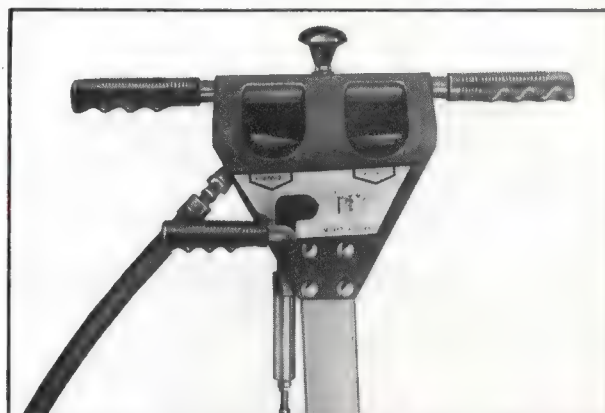
Specifications subject to change without notice.



GRAY MANUFACTURING COMPANY, INC.
1316 Frederick Ave./St. Joseph, Missouri 64501
1-800-821-7320 (toll free)



Plenty of lifting height for most service jobs.

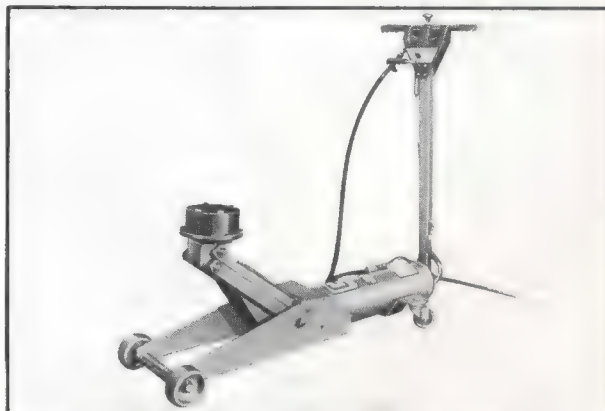


Protected air control valve gives positive control when raising or lowering the load.



Lifts all standard automobiles as well as imports.

Safety lock is engaged automatically at 2 levels as load is raised.



All the controls are in the handle so that you work with a minimum of effort. The adapter provides an additional 2½ inches lifting height.

NEW MAXOMATIC



ASJ-4000 Mobile Air 'Scissors' Lift

Lift front or rear of any car by frame or bumper — with fingertip ease! Fast...sure...steady! Anywhere you can reach with an air hose.

The new Gray MAXOMATIC reaches back under nearly 2½ feet to contact solid frame, bumper or body members — give smooth, even lifts. It's ideal for sporty models with long overhangs... where long bumper

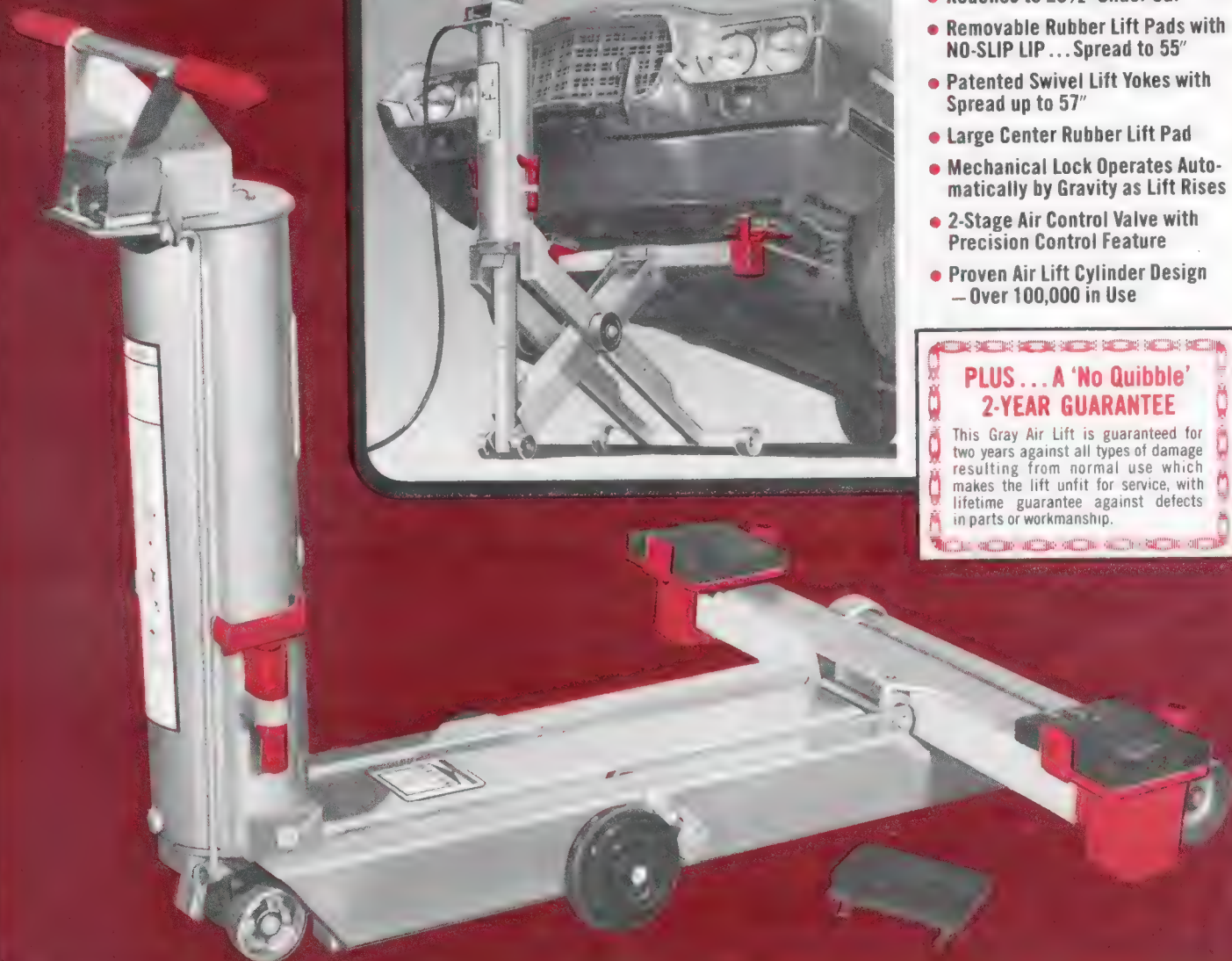
supports, fragile grilles, splash panels, trailer hitches and the like make conventional bumper lifts risky.

The precision "X", or "scissors", action of the MAXOMATIC moves the fulcrum of the lift closer to the lifting point the higher the jack rises, for great stability. Lift pads spread more than 4½ feet above the wide-track front rollers for great

side-to-side support. Combined with the time-proved Gray air cylinder system, the result is a bridge-strong cantilever design of highest quality throughout — engineered for years of reliable service.

With the new MAXOMATIC you're assured the same high performance thousands of mechanics get daily from the famous Gray PortaMatic Air Lift.

**Lifts Autos and Light Trucks with Shop Air,
Rolls Into 8" Clearance, Raises 4,000 lbs. To 33¼"**



- Lifts by Frame or Bumper
- Reaches to 29½" Under Car
- Removable Rubber Lift Pads with NO-SLIP LIP... Spread to 55"
- Patented Swivel Lift Yokes with Spread up to 57"
- Large Center Rubber Lift Pad
- Mechanical Lock Operates Automatically by Gravity as Lift Rises
- 2-Stage Air Control Valve with Precision Control Feature
- Proven Air Lift Cylinder Design — Over 100,000 in Use

PLUS... A 'No Quibble' 2-YEAR GUARANTEE

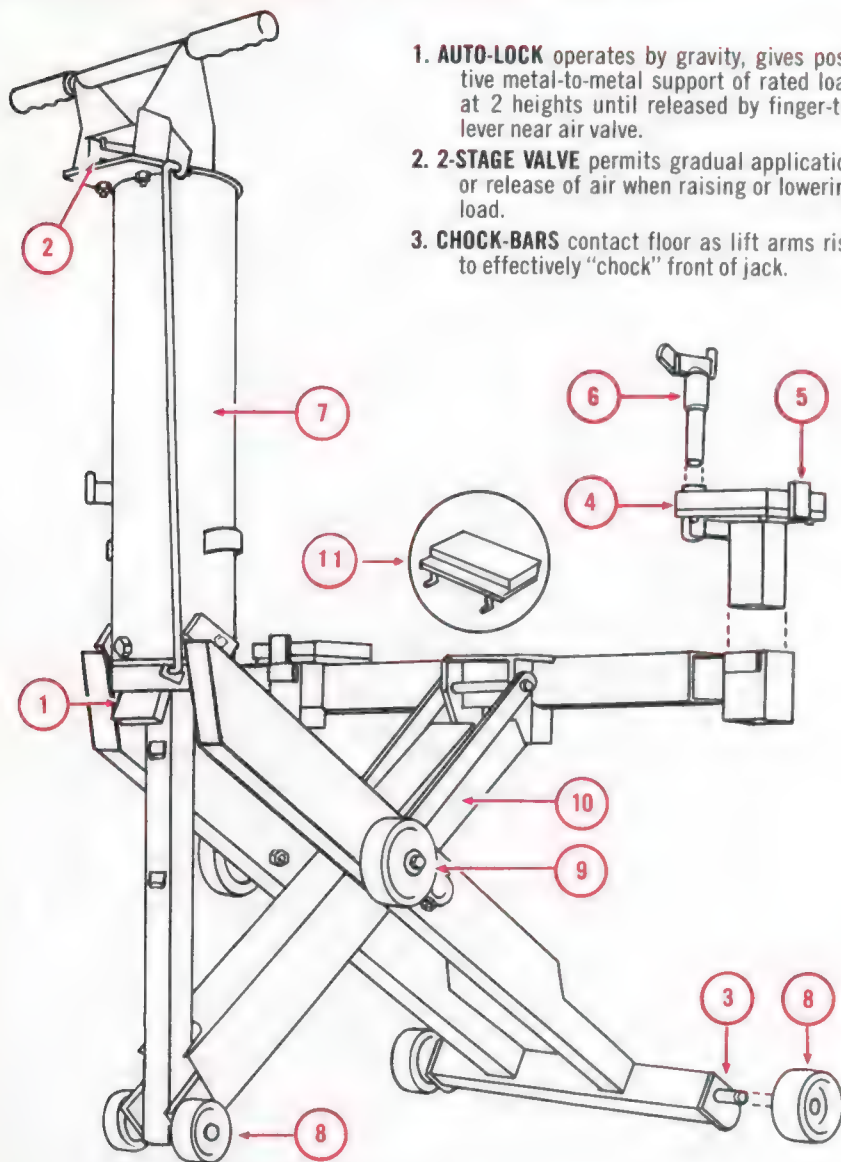
This Gray Air Lift is guaranteed for two years against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship.



ASJ-4000

MAXOMATIC™

Mobile Air 'Scissors' Lift



1. **AUTO-LOCK** operates by gravity, gives positive metal-to-metal support of rated load at 2 heights until released by finger-tip lever near air valve.
2. **2-STAGE VALVE** permits gradual application or release of air when raising or lowering load.
3. **CHOCK-BARS** contact floor as lift arms rise to effectively "chock" front of jack.

4. **4-POSITION PADS** lift free from square sockets, may be inserted four ways. Each pad has thick, solid rubber cushion to protect finish of the vehicle.
5. **NO-SLIP LIP** welded to front of outer pads helps hold vehicle securely on jack.
6. **SWIVEL LIFT YOKES** of patented Gray design permit lifting bumper supports, chassis members or body fixtures at virtually any angle. Round peg may be inserted into holes in frame; square "ear" fits slotted bumpers now on many cars.
7. **PROVEN AIR LIFT** system operates on standard shop air, lifts cars with 80 to 100 lbs. pressure, develops full 4,000 lbs. jack capacity at 160 (p.s.i.).
8. **IRON WHEELS** — 4" front, 3" rear — roll easily on floor as jack rises.
9. **BALANCED DESIGN** and maneuvering 5" center wheels provide excellent mobility of collapsed jack during positioning and parking.
10. **RUGGED DESIGN** assures full rated strength of X-members, lifting arms and air cylinder assembly.
11. **CENTER PAD** provided with jack. Can be used when only one point of contact is desired.

SPECIFICATIONS

Rated Capacity (at 160 p.s.i. air pressure)	4,000 lbs.
Reach at Max. Height	
Outer Pads Only	28 1/4"
Swivel Yokes Forward on Outer Pads	29 1/2"
Center Pad at Centerline	25"
Height, Collapsed (from floor)	
Top of Outer Pads	7 3/4"
Top of Swivel Yokes	11"
Center Pad	7 1/4"
Top of Actuator Cylinder	37"

Height at Max. Lift (from floor)	
Top of Outer Pads	30"
Center Pad	29 1/2"
Top of Swivel Yokes	33 1/4"
Top of Actuator Cylinder	57"
Floor Clearance, Collapsed	1"
Powered Travel	22 1/4"
Length, Overall, Collapsed	52 1/2"
Width, Collapsed, at Lift Pads	34 1/2"
Width at Front Wheels	26"

Weight	231 lbs.
Spread for lifting	
Pads Only	28 1/2" to 55 1/2"
Yokes on Pads	34 1/2" to 57 1/2"
Yokes Max. at Max. Reach	49 1/2"

Operating Air Pressure 80 to 160 p.s.i.

Specifications subject to change without notice.

GRAY Manufacturing Company, Inc.

1316 Frederick Ave.—St. Joseph, Missouri 64501

800 - 821 - 7320 (TOLL FREE)



TJ-750 TRANSMISSION JACK

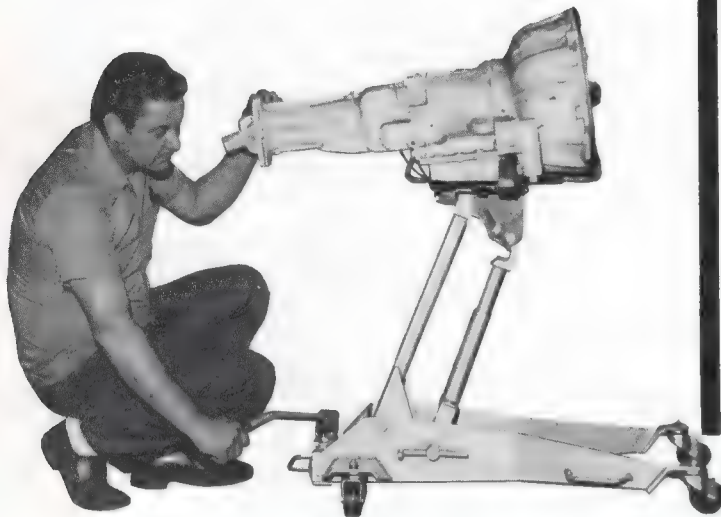
HYDRAULIC . . . FOR AUTO AND
LIGHT TRUCK TRANSMISSIONS

**"full control
from either side,
precise alignment,
no wrench
adjustments,
no wasted motion"**



Model TJ-750

Hydraulic Controlled
Lifts from 7½" to
Table Top Levels



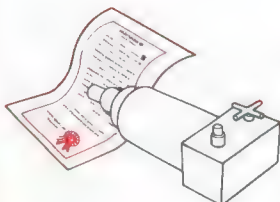
Much more than just a special tool: The TJ-750 Jack is a system that lets a man do more work in a day. . . better, easier, faster. And it's every inch a GRAY — built to the same high standards and quality of more than 100,000 GRAY air lifts now in use.

This new, fully-adjustable transmission jack was developed the Gray way. Hundreds of test units were used by shops across the country. Each feature was meticulously evaluated by users. Their ratings and comments were recorded and applied to design improvements. The results . . . a transmission jack that's "shop proven" and designed to reduce labor.

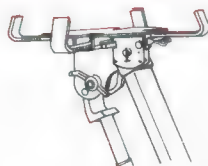
1-YEAR GUARANTEE

This Gray Lift is guaranteed for one year against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship.

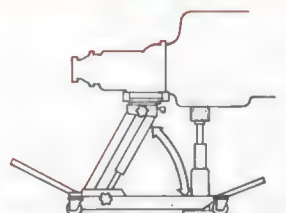
Precision Controls for Side-to-Side & Fore-and-Aft Movement . . . Raising & Lowering and Maneuvering Transmissions



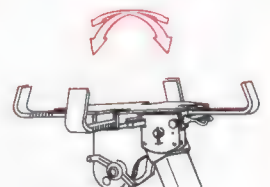
REMOVABLE HYDRAULIC UNIT
easily serviced or replaced
if ever necessary. Protected
by Gray's one year guaran-
tee policy.



NO WRENCH ADJUSTMENTS
controlled from either side
with big grip knobs for
quick and easy adjust-
ments, and a swiveling
pump handle.



HI-LIFT/OPEN FRONT
high lift to bench height
with open front for hand
jack to support engine.

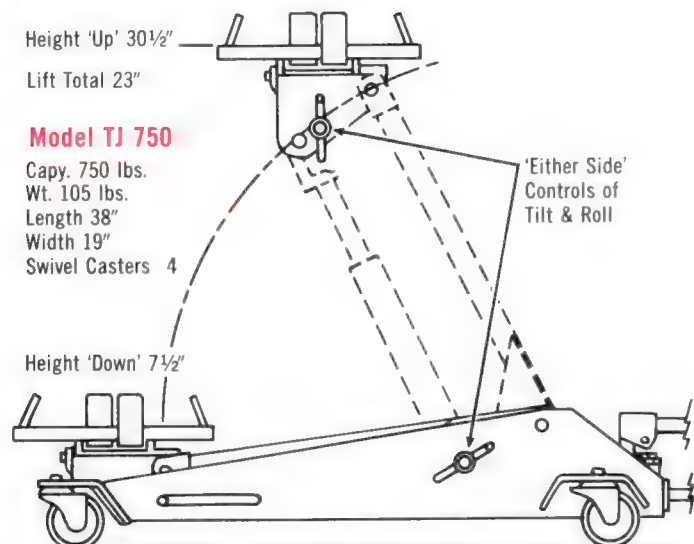


FORE-AFT TILT
hand adjust this table to any
position. Easy knob con-
trols. Tilts front-to-back,
side-to-side.



TJ-750 TRANSMISSION JACK

HYDRAULIC... FOR AUTO AND LIGHT TRUCK TRANSMISSIONS



Model TJ-750 provides 23" of controlled lifting and lowering for up to 750 lb. loads between 7 1/2" and 30 1/2" from the floor. Full swiveling casters permit exact spotting under vehicles, and all controls are within easy reach from both sides. Forward-back tilt is achieved by

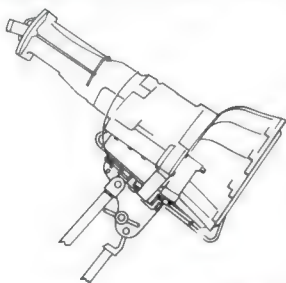
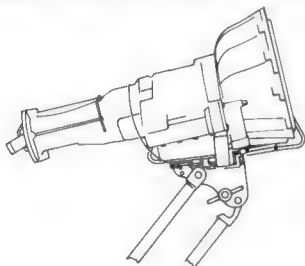
"telescoping" the lower lift arm. Side-to-side roll by hand crank on each side. Widespread casters provide stable, easy maneuvering either empty or carrying a transmission. Reliable hydraulic system is self-contained, removable as a unit if service is ever necessary.

NO WRENCH ADJUSTMENTS

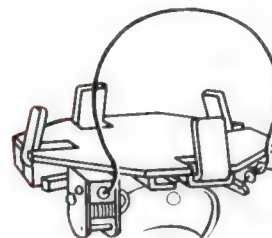
FORE AND AFT TILT

20° BACKWARD

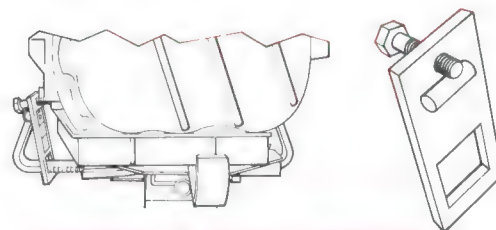
50° FORWARD



Self-tightening Aircraft Cable Lanyard Secures Transmission



Transmission is stabilized by four ratcheting brackets which slide in freely and release with individual levers. Spring-loaded lanyard binds transmission to head, snubs and locks at touch of a button. Entire head rolls 10 degrees either way side-to-side, for aligning holes, etc. Fore-aft tilt adjusts from 50° forward to 20° back from level.



OPTIONAL EL-TORO ADAPTER

The El-Toro Adapter is a simple "slip-on" part for stabilizing El-dorado and Toronado transmissions during removal and replacement.

positioned (inwardly) so that the bolt in the adapter projects over the lower flange of the transmission on the side opposite the overhanging torque converter.

The adapter, for use on Gray's Transmission Jacks, slips over one of the formed transmission brackets which in turn is

The El-Toro Adapter is used on both the TJ-750 (low) and HTJ-800 (high) Gray Transmission Jacks.

SPECIFICATIONS:

Capacity: Handles passenger cars and truck transmissions weighing up to 750 lbs.

Power Source: An easily removable self-contained hydraulic power package with hand pump. The unit is equipped with an overload valve.

Lifting Height: Lifts to a height up to 30 1/2 inches which will bring the transmission up to work bench level. The minimum starting height is 7 1/2 inches.

Transmission Table Adjustments: Forward tilt 50 degrees; rearward tilt 20 degrees; side roll plus or minus 10 degrees.

Open Front Design: The open-front provides ample room for supporting the engine while the transmission is being removed.

Swiveling Casters: Four large swiveling steel casters with ballbearing mounts provide 1 1/4 inch ground clearance for smooth movement under the car and around the shop.

Dual Controls: Large, easy-to-grip knobs provide sure, convenient control of the jack from either side. No wrenches are required to make any adjustment.

Fully Assembled: The unit is shipped in a heavy-duty corrugated carton fully assembled and ready to use. Shipping weight is 125 lbs.

Special El-Toro Adapter available for El Dorado and Toronado Transmissions (Optional).

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



HTJ-800

AIR / HYDRAULIC

TRANSMISSION JACK

FOR AUTO AND LIGHT TRUCK TRANSMISSIONS

Precision Controls for Side-to-Side & Fore-and-Aft Movement... Raising & Lowering and Maneuvering Transmissions

Precise hand adjustments let you tilt the transmission support head from front to rear... roll from side to side... for alignment of bolts, holes, shafts.

All controls and adjustments are at "stand-up" levels for under-hoist work.

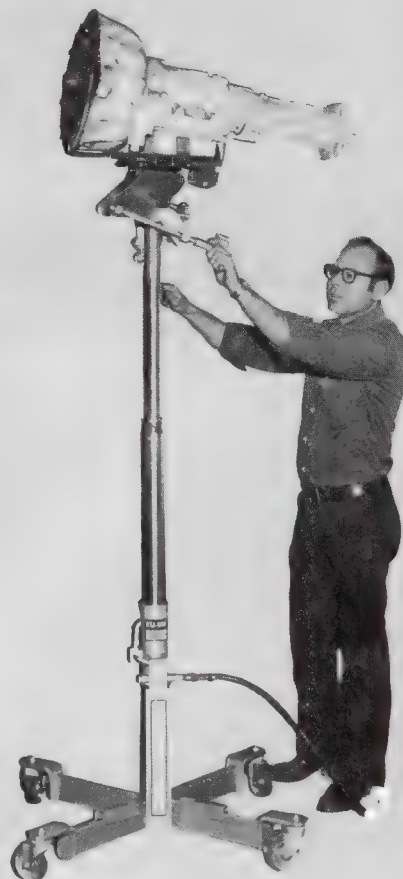
Gray's proven air system provides initial lift to $20\frac{3}{16}$ "; hydraulic second stage gives an additional $21\frac{3}{16}$ " for a total lift stroke of $41\frac{3}{8}$ ".



THE HIGH RISER
for on-hoist work

Combination
Air-Hydraulic
Powered Lifts
from Table Top
to 75" High

Model HTJ-800



1-YEAR GUARANTEE

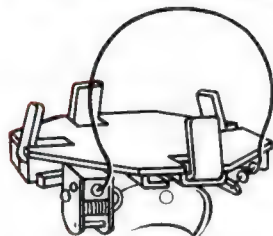
This Gray Lift is guaranteed for one year against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship.



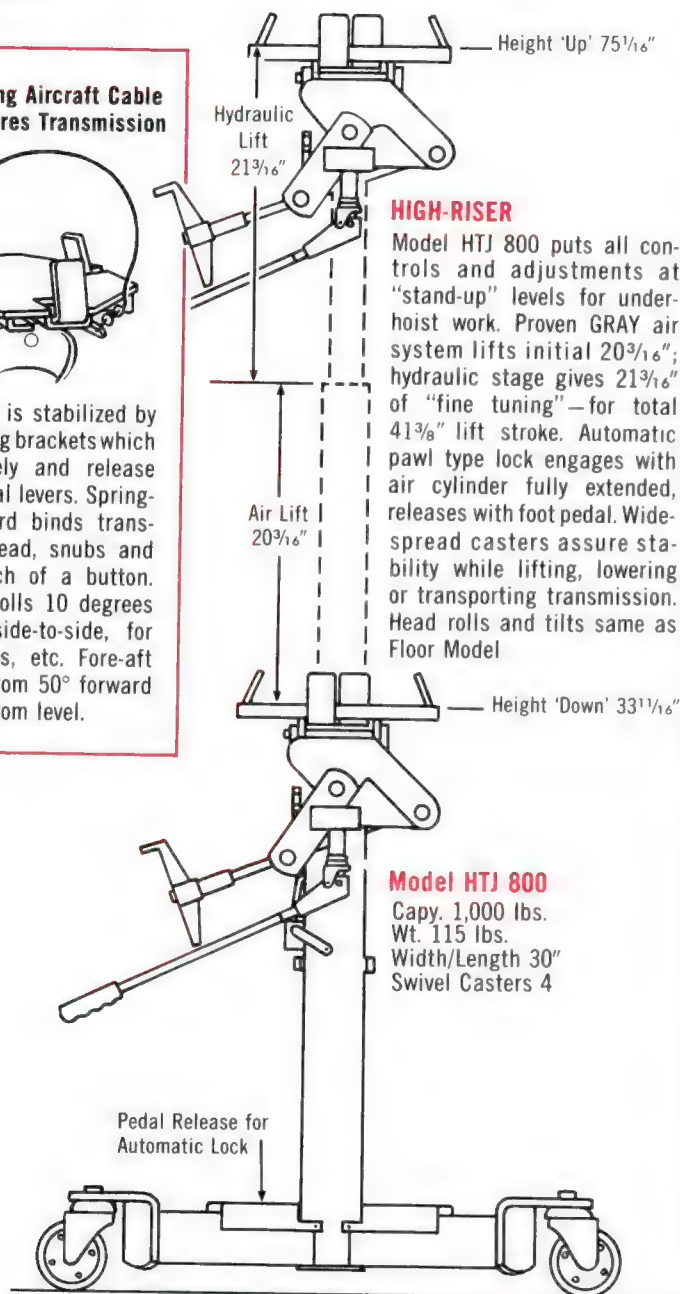
HTJ-800 TRANSMISSION JACK

AIR/HYDRAULIC... FOR AUTO AND LIGHT TRUCK TRANSMISSIONS

Self-tightening Aircraft Cable Lanyard Secures Transmission



Transmission is stabilized by four ratcheting brackets which slide in freely and release with individual levers. Spring-loaded lanyard binds transmission to head, snubs and locks at touch of a button. Entire head rolls 10 degrees either way side-to-side, for aligning holes, etc. Fore-aft tilt adjusts from 50° forward to 20° back from level.



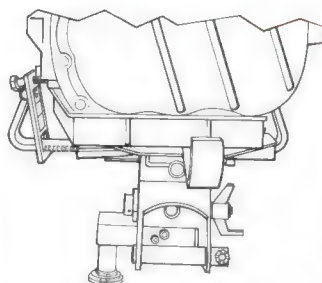
HIGH-RISER

Model HTJ 800 puts all controls and adjustments at "stand-up" levels for under-hoist work. Proven GRAY air system lifts initial 20 3/16"; hydraulic stage gives 21 3/16" of "fine tuning"—for total 41 3/8" lift stroke. Automatic pawl type lock engages with air cylinder fully extended, releases with foot pedal. Wide-spread casters assure stability while lifting, lowering or transporting transmission. Head rolls and tilts same as Floor Model

Model HTJ 800

Cap. 1,000 lbs.
Wt. 115 lbs.
Width/Length 30"
Swivel Casters 4

OPTIONAL EL-TORO ADAPTER

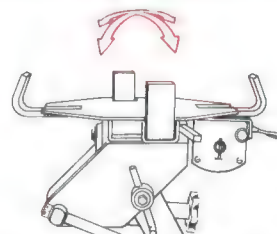


The El-Toro Adapter is a simple "slip-on" part for stabilizing El-dorado and Toronado transmissions during removal and replacement.

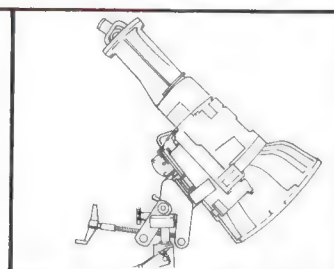
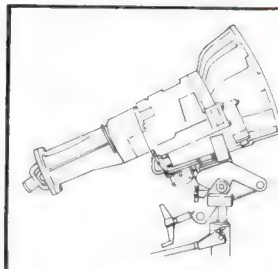
The adapter, for use on Gray's Transmission Jacks, slips over one of the formed transmission brackets which in turn is positioned (inwardly) so that the bolt in the adapter projects over the lower flange of the transmission on the side opposite the overhanging torque converter.

The El-Toro Adapter is used on both the TJ-750 (low) and HTJ-800 (high) Gray Transmission Jacks.

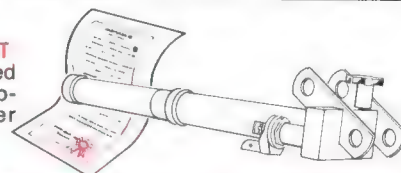
NO WRENCH ADJUSTMENTS
controlled from either side with big grip knobs for quick and easy adjustments.



20° BACKWARD **FORE AND AFT TILT** 50° FORWARD



REMOVABLE HYDRAULIC UNIT
easily serviced or replaced if ever necessary. Protected by Gray's better guarantee policy.



SPECIFICATIONS:

Capacity: Handles passenger cars and truck transmissions weighing up to 1,000 lbs.

Power Source: An easily removable self-contained hydraulic power package with hand pump; equipped with an overload valve.

Lifting Height: Lifts to a height up to 75 1/16 inches. The minimum starting height is 33 1/16 inches. Air cylinder travel — 20 3/16 inches, hydraulic cylinder travel 21 3/16 inches, 160 psi air for 1000 lb. lift.

Transmission Table Adjustments: Forward tilt 50 degrees; rearward tilt 20 degrees; side roll plus or minus 10 degrees.

Swiveling Casters: Four large swiveling steel casters with ballbearing mounts provide 1 1/4 inch ground clearance for smooth movement under the car and around the shop.

Dual Controls: Large, easy-to-grip knobs provide sure, convenient control of the jack from either side. No wrenches are required to make any adjustment.

Fully Assembled: The unit is shipped fully assembled and ready to use. Shipping weight is 125 lbs.

Special El-Toro Adapter is available for Eldorado and Toronado transmissions (Optional).

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

CALL TOLL FREE 800-821-7320
FOR FURTHER INFORMATION

THE ENCLOSED ORDER
FORMS AND BUSINESS REPLY
ENVELOPES ARE PROVIDED
FOR YOUR CONVENIENCE IN
ORDERING.

BE SURE TO:

1. SIGN ORDER

2. CHECK PAYMENT PLAN DESIRED

*LEASE TERMS ARE AVAILABLE—For
More Information Call the Above Toll
Free Number and Ask for Our Lease
Manager.*



ORDER FORM

GRAY Mfg. Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501

DATE _____

BILL TO

CO. NAME _____
YOUR NAME _____
(FIRST) (MIDDLE) (LAST)
CO. TELE. () _____
STREET _____
CITY _____ STATE _____ ZIP _____

SHIP TO

CO. NAME _____
ATTN: _____
STREET _____
CITY _____ STATE _____ ZIP _____

CREDIT REFERENCE

HOME TELEPHONE () _____ HOME ADDRESS _____
CITY _____ STATE _____ ZIP _____
HOW LONG _____ AGE _____ WIFE'S NAME _____

BUYER'S SOC. SEC. NO. _____

BUSINESS REFERENCES

NO. EMP. _____ YRS. IN BUS. _____ NO. BAYS _____
SUPPLIER _____ PHONE _____
DISTRIBUTOR _____ PHONE _____
BANK _____ BRANCH _____
PHONE _____ ACCT. NO. _____
GRAY CUSTOMER _____ DATE _____
TYPE OF BUSINESS _____

CHOOSE YOUR PAYMENT PLAN

- ☐ **5% Cash Discount** - FOR CASH IN FULL WITH ORDER.
- ☐ **Cash Sale** - A 2% DISCOUNT WILL BE ALLOWED FOR PAYMENT IN-FULL WITHIN 30 DAYS. AMOUNT OF PURCHASE IS \$ _____ AMOUNT ENCLOSED \$ _____
- ☐ **3 Equal Payments** - NO INTEREST CHARGE. 1/3 DUE IN CONSECUTIVE MONTHLY PAYMENTS. MY FIRST PAYMENT OF \$ _____ IS ENCLOSED.

BUYER'S SIGNATURE **X** _____

FOR: CO. NAME _____

NOTE: YOU MUST SIGN ABOVE UNLESS YOUR CHECK FOR PAYMENT IN FULL IS ENCLOSED

ACCEPTED: **GRAY** Manufacturing Co., Inc.

WARRANTY

GRAY WARRANTS THEIR EQUIPMENT TO BE FREE OF FAULTY PARTS AND WORKMANSHIP. IF REPLACEMENT PARTS OR REPAIRS ARE REQUIRED, THEY WILL BE MADE ON A NO-CHARGE/EXCHANGE BASIS WITHIN THE TIME LIMITS OF THE WARRANTY.

Merchandise must not have been altered.

PRODUCT NUMBER	DESCRIPTION OF ARTICLE	HOW MANY	UNIT PRICE	TOTAL PRICE

FOR OFFICE USE ONLY

ACCOUNT NO.

SIC

ZIP

ID

ORDER NO. _____

OFFER

SALESMAN

FILE IN EDW CASH ORDERS ONLY

TOTAL FOR GOODS

TAX

TOTAL CASH PRICE

AMOUNT ENCLOSED

CHECK, MONEY ORDER
APPLY CREDIT BAL.

MESSAGE AREA

6280-6314

Sissy Talbot

PLEASE READ THIS . . .

Thank you for your order! We will process your order as quickly as possible and a few days after shipment you will receive an "invoice" which will list the equipment you ordered, its price, method of shipment, etc. This invoice is not a request for payment, but merely a statement of the merchandise shipped to you.

You will have use of the equipment for approximately 30 days and at the end of that time, you can expect a "statement" requesting your payment.

If you should have any questions about the equipment or its performance . . . payment plans . . . your account with Gray . . . product guarantees or service . . . please call toll-free by dialing 1-800-821-7320. If you should find it necessary to return the equipment to our factory, we do ask that you call a truck-line for pick-up. Be sure to send us one copy of the signed bill of lading so we may properly credit your account.

Again, thanks for the order.

GRAY MANUFACTURING COMPANY, INC.

PURCHASING AGREEMENT

In consideration of your selling merchandise to me, I agree to the following, regarding all purchases hereafter made.

1. I have the privilege of a 30-day charge account, in which case I will pay the full amount for all merchandise purchased within 30 days from the billing date of each billing statement. If I pay the entire balance within 30 days I may deduct a 2% discount.

2. I also have the privilege of dividing my initial purchase into three equal parts and making payments for three consecutive months with no interest or carrying charges added to my account. In this case I may not deduct the usual 2% cash discount nor may I take any further discounts.

3. If I fail to pay any installment in full when due, at your option, the full balance shall become due immediately. If the account is referred to an attorney for collection, I agree to pay attorney's fees not exceeding 15% of the balance due.

4. Title to the goods purchased hereunder shall remain in Gray Manufacturing Co., Inc., until the unpaid balance of each separate purchase is fully paid. I agree not to dispose of the equipment or encumber it without your written consent, and will protect you against all loss or damage to the equipment from the time of delivery to me until I have fully paid for it.

5. Gray Manufacturing Co., Inc., agrees to send you a monthly statement showing the unpaid balance, payments or credits during the period, and the balance due.

6. I have the right to pay the total unpaid balance at any time, and agree that the laws of the State of Missouri shall apply in determining any questions arising out of this Agreement.



GRAY Manufacturing Co., Inc.
1316 Frederick Ave.
St. Joseph, Missouri 64501

TELEPHONE 1-800-821-7320
(TOLL FREE)

BE SURE TO SIGN YOUR ORDER ON THE FRONT OF THIS FORM



ORDER FORM

GRAY Mfg. Company, Inc./1316 Frederick Ave./St. Joseph, Missouri 64501

DATE _____

BILL TO

CO. NAME _____
YOUR NAME _____
(FIRST) (MIDDLE) (LAST)
CO. TELE. () _____
STREET _____
CITY _____ STATE _____ ZIP _____

SHIP TO

CO. NAME _____
ATTN: _____
STREET _____
CITY _____ STATE _____ ZIP _____

CREDIT REFERENCE

HOME TELEPHONE () _____ HOME ADDRESS _____
CITY _____ STATE _____ ZIP _____
HOW LONG _____ AGE _____ WIFE'S NAME _____

BUYER'S SOC. SEC. NO. _____

BUSINESS REFERENCES

NO. EMP. _____ YRS. IN BUS. _____ NO. BAYS _____
SUPPLIER _____ PHONE _____
DISTRIBUTOR _____ PHONE _____
BANK _____ BRANCH _____
PHONE _____ ACCT. NO. _____
GRAY CUSTOMER _____ DATE _____
TYPE OF BUSINESS _____

CHOOSE YOUR PAYMENT PLAN

- ☐ **5% Cash Discount** - FOR CASH IN FULL WITH ORDER.
- ☐ **Cash Sale** - A 2% DISCOUNT WILL BE ALLOWED FOR PAYMENT IN-FULL WITHIN 30 DAYS. AMOUNT OF PURCHASE IS \$ _____ AMOUNT ENCLOSED \$ _____
- ☐ **3 Equal Payments** - NO INTEREST CHARGE. 1/3 DUE IN CONSECUTIVE MONTHLY PAYMENTS. MY FIRST PAYMENT OF \$ _____ IS ENCLOSED.

BUYER'S SIGNATURE **X** _____

FOR: CO. NAME _____

NOTE: YOU MUST SIGN ABOVE UNLESS YOUR CHECK FOR PAYMENT IN FULL IS ENCLOSED

ACCEPTED: **GRAY** Manufacturing Co., Inc.

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Merchandise must not have been altered.

PRODUCT NUMBER	DESCRIPTION OF ARTICLE	HOW MANY	UNIT PRICE	TOTAL PRICE

FOR OFFICE USE ONLY

ACCOUNT NO.

SIC

ZIP

ID

ORDER NO.

OFFER

SALESMAN

FILL IN FOR CASH ORDERS ONLY

TOTAL FOR GOODS

TAX

TOTAL CASH PRICE

AMOUNT ENCLOSED

CHECK, MONEY ORDER
APPLY CREDIT BAL.

MESSAGE AREA

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Thank you for your order! We will process your order as quickly as possible and a few days after shipment you will receive an "invoice" which will list the equipment you ordered, its price, method of shipment, etc. This invoice is not a request for payment, but merely a statement of the merchandise shipped to you.

You will have use of the equipment for approximately 30 days and at the end of that time, you can expect a "statement" requesting your payment.

If you should have any questions about the equipment or its performance . . . payment plans . . . your account with Gray . . . product guarantees or service . . . please call toll-free by dialing 1-800-821-7320. If you should find it necessary to return the equipment to our factory, we do ask that you call a truck-line for pick-up. Be sure to send us one copy of the signed bill of lading so we may properly credit your account.

Again, thanks for the order.

GRAY MANUFACTURING COMPANY, INC.

PURCHASING AGREEMENT

In consideration of your selling merchandise to me, I agree to the following, regarding all purchases hereafter made.

1. I have the privilege of a 30-day charge account, in which case I will pay the full amount for all merchandise purchased within 30 days from the billing date of each billing statement. If I pay the entire balance within 30 days I may deduct a 2% discount.

2. I also have the privilege of dividing my initial purchase into three equal parts and making payments for three consecutive months with no interest or carrying charges added to my account. In this case I may not deduct the usual 2% cash discount nor may I take any further discounts.

3. If I fail to pay any installment in full when due, at your option, the full balance shall become due immediately. If the account is referred to an attorney for collection, I agree to pay attorney's fees not exceeding 15% of the balance due.

4. Title to the goods purchased hereunder shall remain in Gray Manufacturing Co., Inc., until the unpaid balance of each separate purchase is fully paid. I agree not to dispose of the equipment or encumber it without your written consent, and will protect you against all loss or damage to the equipment from the time of delivery to me until I have fully paid for it.

5. Gray Manufacturing Co., Inc., agrees to send you a monthly statement showing the unpaid balance, payments or credits during the period, and the balance due.

6. I have the right to pay the total unpaid balance at any time, and agree that the laws of the State of Missouri shall apply in determining any questions arising out of this Agreement.



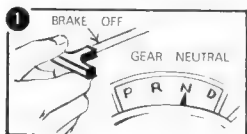
GRAY Manufacturing Co., Inc.
1316 Frederick Ave.
St. Joseph, Missouri 64501

TELEPHONE 1-800-821-7320
(TOLL FREE)

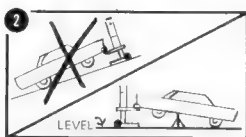
BE SURE TO SIGN YOUR ORDER ON THE FRONT OF THIS FORM

SAFETY PRECAUTIONS

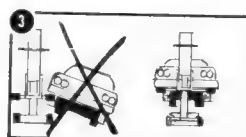
ALL RECOMMENDED LIFTING TECHNIQUES HAVE BEEN TESTED AND PROVEN BY OUR ENGINEERS. YOUR OBSERVANCE OF THESE SIMPLE SAFETY PRECAUTIONS WILL ASSURE SAFE, TROUBLE-FREE OPERATION:



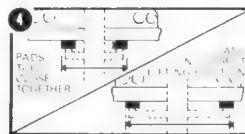
Be sure brake release is off and gearshift is in neutral.



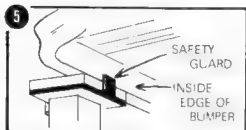
Do not attempt to lift vehicle on any kind of slope.



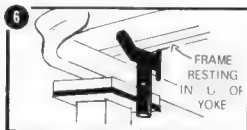
Center lift under end of car. Do not use to lift from side or from one corner.



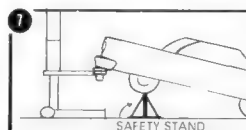
Be sure to adjust spread of lifting pads and/or frame contact yokes to correct lifting point. When lifting by bumper, be sure pad is close to or under bumper attachment brackets.



Roll PortaMatic far enough forward so "safety guards" catch behind inside edge of bumper. (Do not lift vehicles by damaged or broken bumpers, use yokes and lift by frame.)



Be sure both yokes are in proper contact with frame. Frame member should be resting in the bottom "U". Yokes must be positioned behind a suitable "stop" such as a bolt head or frame X member.



Always place safety stands under frame or axle before starting work.

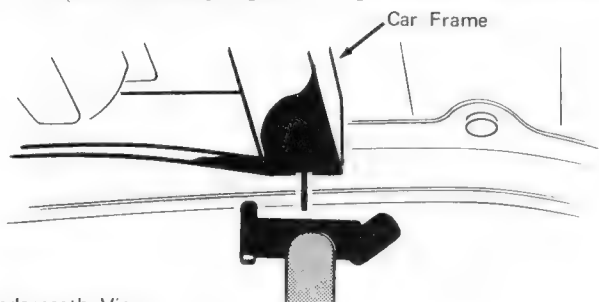


For late model cars with elongated lifting holes in bumper, use flat ear-shaped lug on frame lifting yokes.

NOTE: Yokes are stamped "L" for left, and "R" for right. Be sure they are in proper position as you stand behind lift.

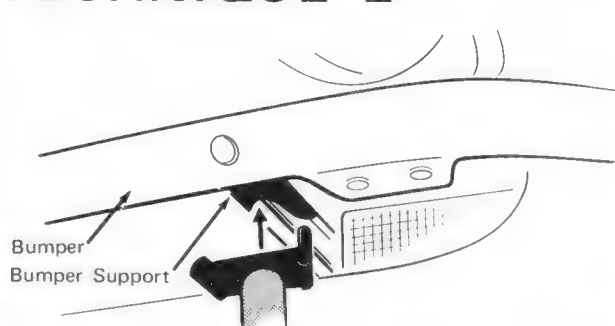
LIFTING TECHNIQUES

TECHNIQUE 1



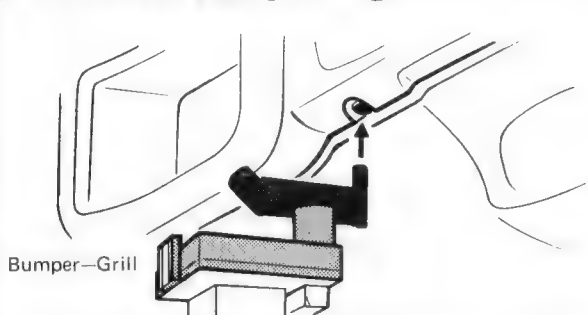
Underneath View: Cradle frame of car in the "U" of the yokes. Place peg of yoke in corner of frame if possible.

TECHNIQUE 2



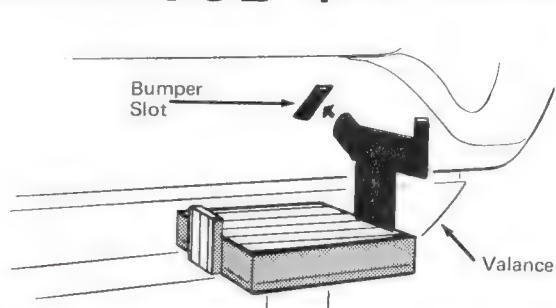
Cradle bumper support bracket with yokes, lifting behind bumper.

TECHNIQUE 3



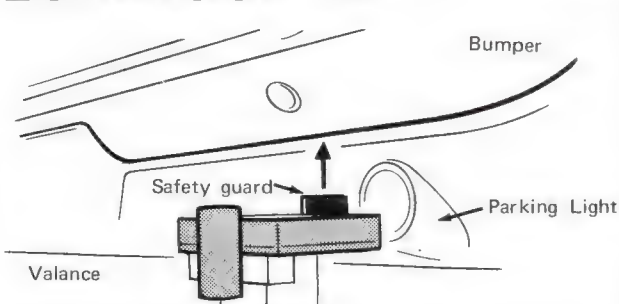
To lift, place peg end of yokes in holes located on underside of bumper.

TECHNIQUE 4



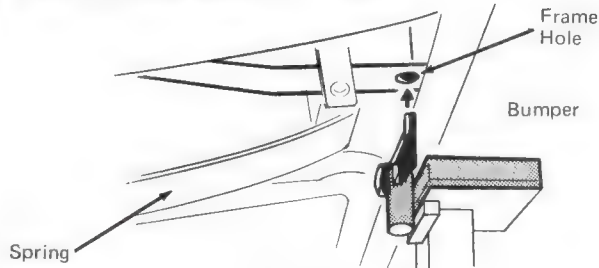
Front or rear view: Lift with ear-shaped lug on yoke in slots on bumper.

TECHNIQUE 5



Lift by the bumper using the rubber pad. Be sure the safety guard is positioned behind bumper on both pads.

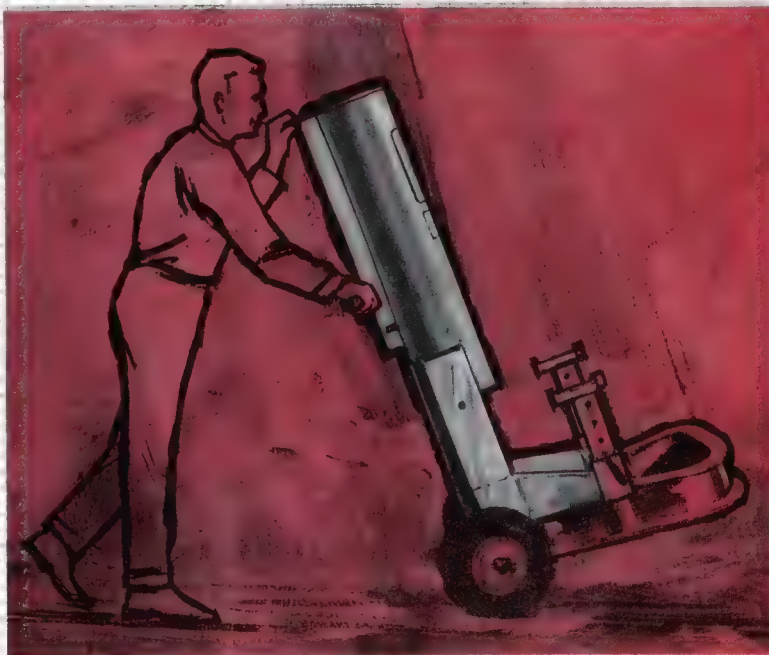
TECHNIQUE 6



Showing underneath side of frame: lift by placing peg end of yokes in holes in the lower side of frame.

NEW TNT 550

Rugged, powerful, portable. One-man portability for lifting giant rigs or standard cars. Anywhere an air-hose will reach, you have low-cost lifting power. Lifts the load without need for additional jacks. Holds it steady...safely. This lift gives you more for your money, gets more out of your labor.



U.S. PATENT NO. D204,009

specifications:

Dimensions: Overall size—Width 37"; Depth 40"; Height Minimum 68"; Height Maximum 105"; Air Cylinder 10" I.D.; Weight 530 lbs.

Capacity: 11,000 lbs. at 160 p.s.i. Lifts one end of vehicles weighing up to 22,000 lbs. Works efficiently on less air pressure with lifting capacity in direct ratio to the air pressure available.

Saddle Spread: Adjusts from 26½" to 50½" (with saddles parallel to base) providing required range of saddle position to lift trucks, trailers and buses.

Maximum Lifting Height: Is 57" from the ground and provides plenty of working room. Lifting by the frame permits wheels to drop away from body and frame, thus placing all parts within easy reach.

Automatic Safety Locks: Engage automatically at 6 levels. Safety locks will support full load independent of air pressure.

Air Control Valve: Two stage, with infinite graduations allowing load to be "inched" up or down. Air connection for quick coupler. Air hose may be disconnected after raising load.

Forward Reach: 15" allows unit to reach correct contact point, lifting vehicles by the frame or bumper.

Swiveling Caster: Is a rubber treaded 6-inch diameter wheel which has a roller bearing mounted axle and raceway to insure movement in positioning the lift. Caster is equipped with grease fitting for easy lubrication.

Pneumatic Tires: 4:10 x 6 are roller bearing mounted and inflate to 35 lbs. pressure. Permits easy movement on rough or smooth surfaces. Unit may be moved on two wheels by tilting back or on level by using swiveling caster as third wheel.



GRAY Manufacturing Company, Inc.

1316 Frederick Ave./St. Joseph, Missouri 64501

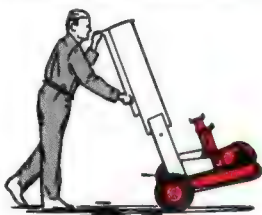


TNT 550

TRUCK-N-TRAILER
PORTABLE AIR LIFT

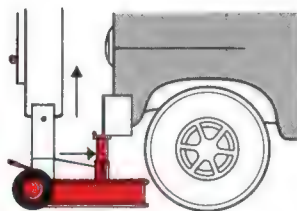
"the big job portable for tractors and trailers"

Here's the lift that one man can roll right up to the biggest rigs on the road. And it takes just a touch of the finger to lift 11,000 pounds with only 160 p.s.i. That's enough to handle large twin-screw diesel tractors from either end. Starts low to the ground but cradles big loads, raising them up to 57 inches. The most versatile big lift to be found anywhere.



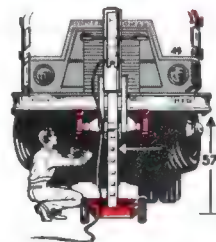
EASY PORTABILITY

Balanced weight on big pneumatic tires lets you take this one right to the load, even on gravel. Rolls easily on tricycle wheel arrangement, or just tip it back and go.



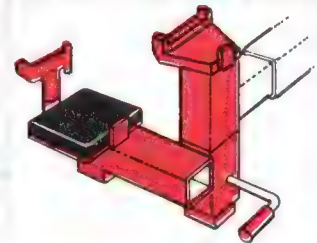
LONG REACH, SOLID FOOTING

Long forward reach lets you easily position lift for best contact. Big steel base allows solid footing and holds load stable.



57-INCH LIFTING HEIGHT

Lots of work room... automatic 6-level safety lock holds load . . . even without air pressure.



CAR LIFTING ADAPTER

Handy, removable adapter lets you put this unit under most cars. Has both rubber bumper saddles and frame lifting yokes.

Compare the features, versatility and portability with any other lift. Then consider the dollars saved over permanent hoists and you'll see why the TNT-550 is found in thousands of the most profitable truck shops in the country. It outperforms any lift at a fraction of the cost.

TWO-YEAR GUARANTEE

The TNT-550 is guaranteed for two years against all types of damage resulting from normal use which makes the lift unfit for service. It also carries a lifetime guarantee against defects in parts or workmanship.

ANOTHER QUALITY ORIGINAL FROM THE **ALL NEW TSJ-55** TRUCK SCISSORS LIFT



- * **LIFTS TRACTORS AND TRAILERS WITH SHOP AIR**
- * **ROLLS INTO 10 INCH CLEARANCE**
- * **RAISES 11,000 LBS. TO 53½ INCHES**



Lifts front or rear of any truck by frame, bumper or axle — fast, sure and steady — anywhere you can reach with an air hose.

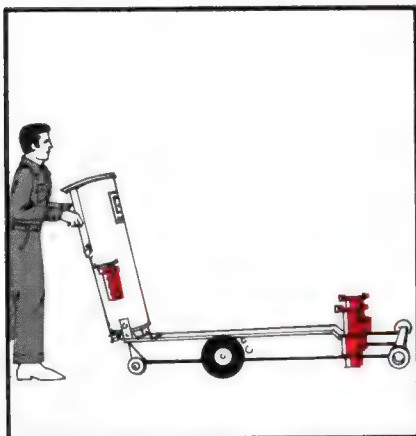
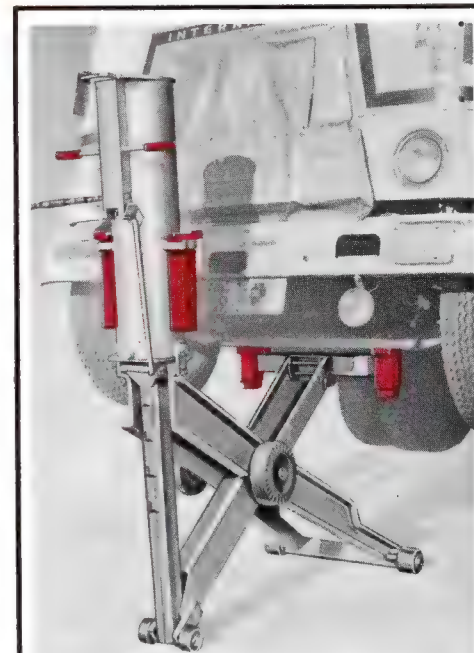
The new TSJ-55 reaches over 4 feet to contact the lift point of your choice and provides a smooth, even lift. Low starting height allows jack to clear brake boosters or other low hanging obstructions.

For optimum stability, the precision "X" or "scissors" action of the TSJ-55 moves the fulcrum of the lift closer to the lifting point as the jack rises. Wide spread front roller wheels provide maximum side-to-side support.

imum side-to-side support.

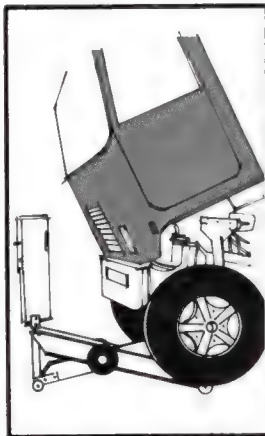
The TSJ-55 is extremely mobile and portable. Pneumatic tires mounted near the "balance point" provide maneuverability and easy movement over irregular surfaces. Convenient storage is provided on the cylinder for the extra set of saddles.

This new quality product combines the time-proven Gray air cylinder system with a bridge-strong cantilever design precision engineered for years of reliable service. With the TSJ-55 you are assured of the same high performance thousands of mechanics get daily from Gray lifts.



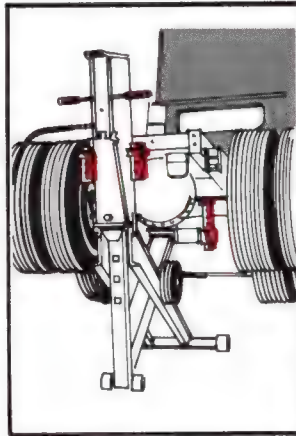
EASY PORTABILITY

Balanced weight on big pneumatic tires lets you take this one right to the load, even over irregular surfaces.



CAB-OVER-ENGINE

Front lifts of cab-over-engine tractor may be made with ease (from bumper or frame), with the cab tilted.



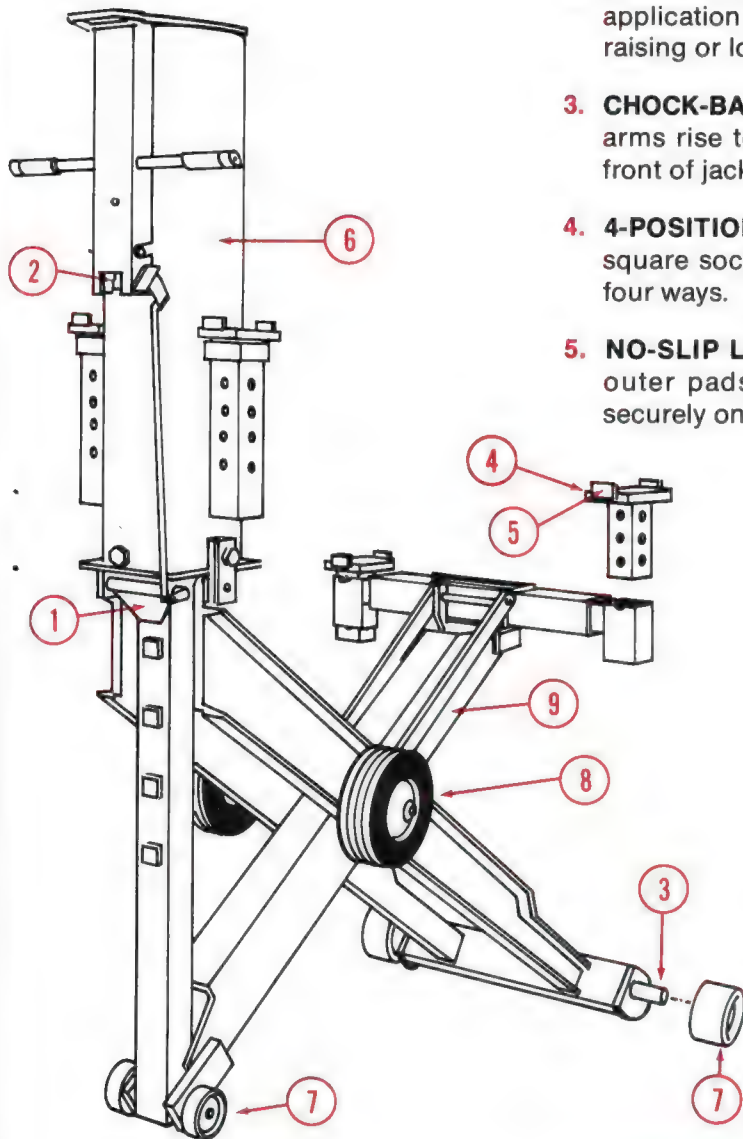
AXLE LIFT

Designed especially for tire, wheel and brake service. The TSJ-55 will reach back 57½" to lift most trucks from front or rear axle.

- **Lifts by Frame, Bumper or Axle**
- **Reaches to 57½" Under Truck**
- **Lifts with Cab Tilted**
- **Mechanical Lock Operates Automatically by Gravity as Lift Rises**
- **2-Stage Air Control Valve with Precision Control Feature.**
- **Proven Air Lift Cylinder Design**
- **Over 100,000 in Use.**
- **Two Year Guarantee**

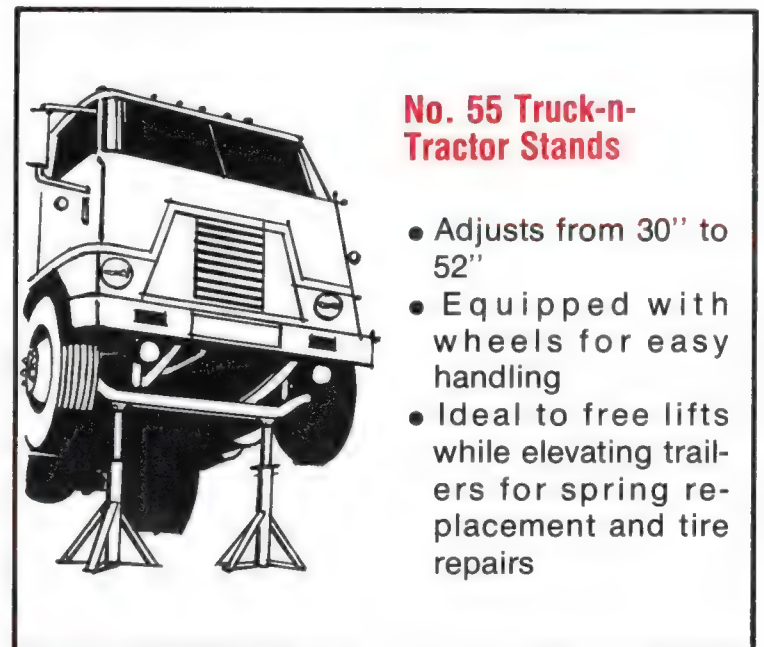


TSJ-55 MOBILE TRUCK SCISSORS LIFT.



1. **AUTO-LOCK** operates by gravity, gives positive metal-to-metal support of rated load at 4 heights until released by finger-tip lever near air valve.
2. **2-STAGE VALVE** permits gradual application or release of air when raising or lowering load.
3. **CHOCK-BARS** contact floor as lift arms rise to effectively "chock" front of jack.
4. **4-POSITION PADS** lift free from square sockets, may be inserted four ways.
5. **NO-SLIP LIP** welded to front of outer pads helps hold vehicle securely on jack.

6. **PROVEN AIR LIFT** system operates on standard shop air, lifts trucks with 110-140 lbs. pressure, develops full 11,000 lbs. jack capacity at 160 (p.s.i.).
7. **IRON WHEELS** — 5" front, 4" rear — roll easily on floor as jack rises.
8. **BALANCED DESIGN** and maneuvering 10" diameter pneumatic center wheels provide excellent mobility of collapsed jack during positioning and parking.
9. **RUGGED DESIGN** assures full rated strength of X-members, lifting arms and air cylinder assembly.



No. 55 Truck-n-Tractor Stands

- Adjusts from 30" to 52"
- Equipped with wheels for easy handling
- Ideal to free lifts while elevating trailers for spring replacement and tire repairs

TWO-YEAR GUARANTEE

The TSJ-55 is guaranteed for two years against all types of damage, resulting from normal use, which makes the lift unfit for service. It also carries a lifetime guarantee against defects in parts or workmanship.

SPECIFICATIONS

Rated Capacity (at 160 p.s.i. air pressure)	11,000 lbs.
Reach at Max. Height	45"
Maximum Collapsed Reach under Truck	57½"
Height, Collapsed (from floor)	
Lo Saddles (min.)	9½"
Hi Saddles (min.)	14½"
Height at Max. Lift (from floor)	
Lo Saddles	49½"

Height at Max. Lift (from floor)	
Hi Saddles	53½"
Floor Clearance, Collapsed	1½"
Powered Travel	35"
Length, Overall, Collapsed	89"
Width	35½"
Weight	650 lbs.
Spread for Lifting	23" to 45½"
Operating Air Pressure	80 to 160 p.s.i.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



GRAY®

LTL-300

LOADED TRUCK 'N TRAILER LIFT



LTL-300

LOADED TRUCK 'N TRAILER LIFT SPECIFICATIONS

CAPACITY

30,000 lbs. at 200 PSI

HEIGHT OF LIFT PAD

Down	9"
Up (Min. Adj.)	13½"
Up (Max Adj.)	18"
Up (Max., with Adapter)	22"

TRAVEL (Powered)

4½"

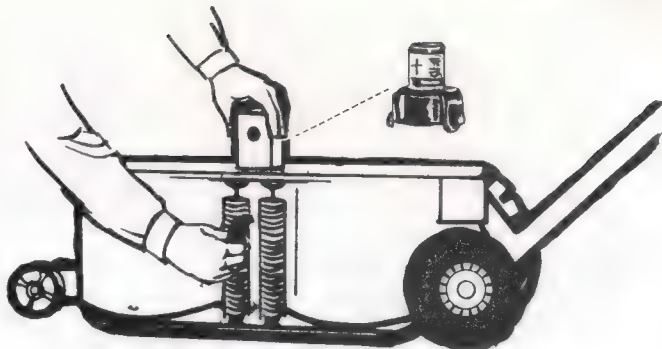
WEIGHT

210 lbs. (with Adapter)

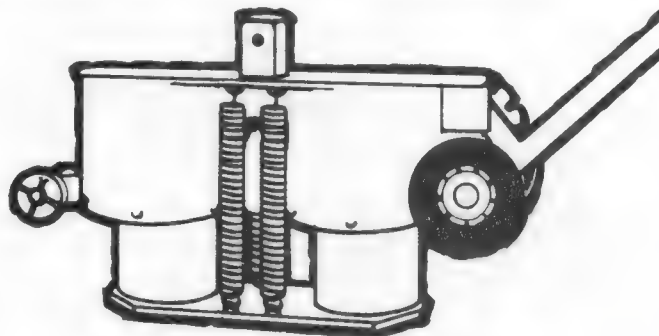
OVER-ALL DIMENSIONS

Length (Less handle)	35½"
Height (Down)	9"
Width	11"
Handle Length	50"

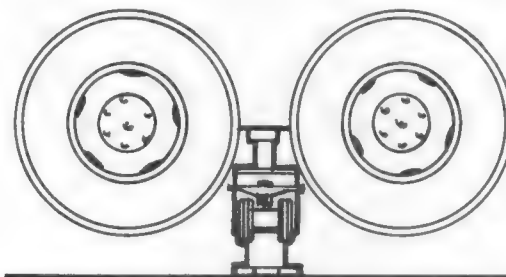
Specifications subject to change without notice.



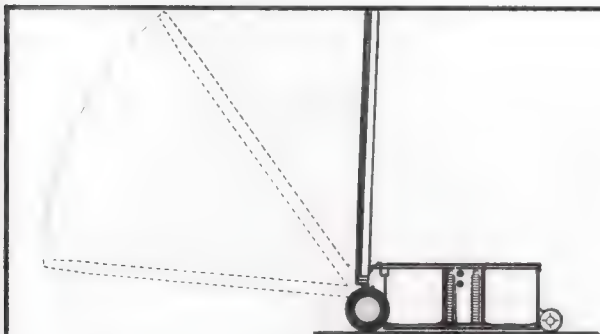
Built-in height adjustment offers choice of five individual settings. Also provided is 4" adapter.



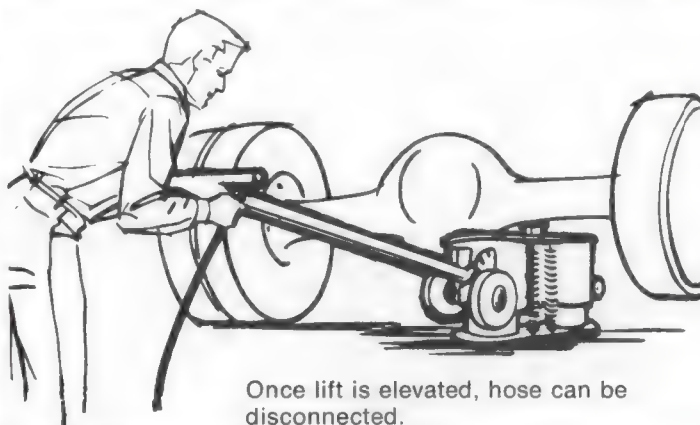
Large 8" diameter rear wheels make portability a breeze, even in cramped quarters. Smaller front wheels glide lift into position quickly and easily *without* increasing clearance height.



Easily positioned between tractor or trailer duals.



New SAF-TEE handle design locks positively in three positions for easy maneuverability and storage convenience. Control valve is fully protected inside handle, yet is readily accessible.



Once lift is elevated, hose can be disconnected.



GRAY Manufacturing Company, Inc.

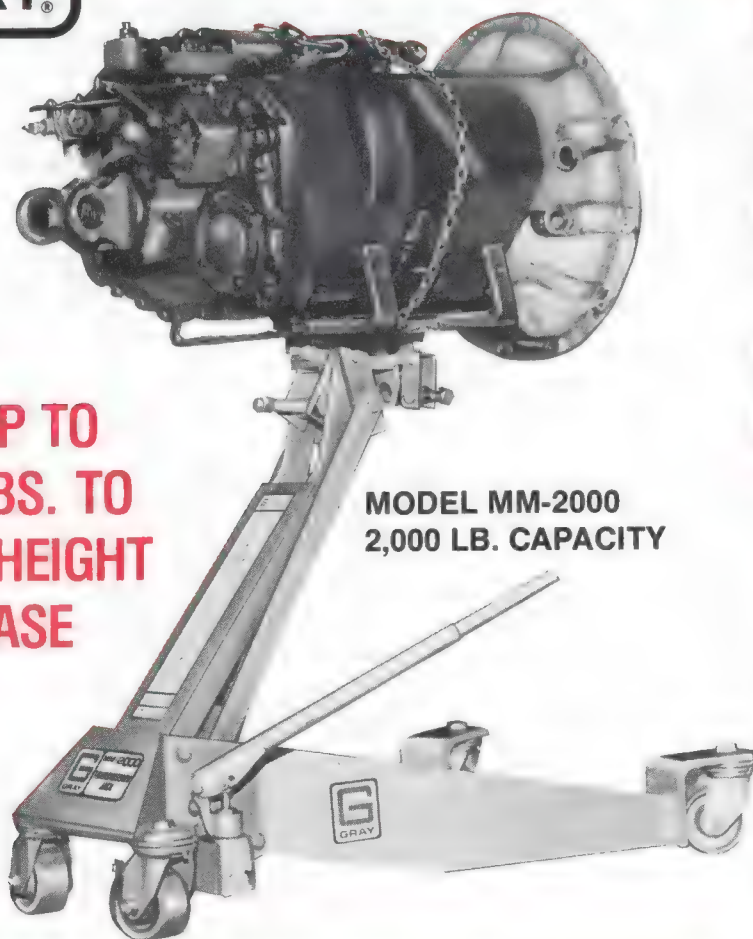
1316 Frederick Ave./St. Joseph, Missouri 64501

Telephone 800-821-7320 (Toll free)



INTRODUCING MM-2000 MULTI-MATIC HYDRAULIC TRUCK JACK

**LIFTS UP TO
2,000 LBS. TO
BENCH HEIGHT
WITH EASE**



**MODEL MM-2000
2,000 LB. CAPACITY**

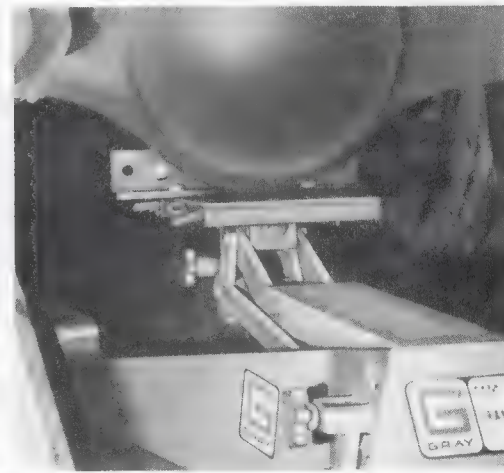
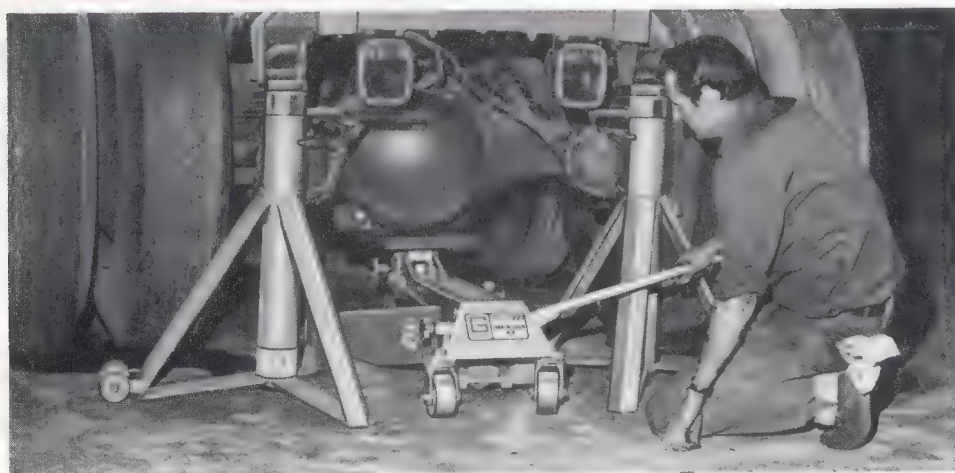
**HANDLE REPAIR JOBS ON
TRANSMISSIONS,
DIFFERENTIALS,
DRIVELINES,
TORQUE CONVERTERS,
FUEL TANK AND
RADIATOR REMOVALS...
THE EASY WAY!**



DIFFERENTIAL ADAPTER attaches to top plates with two bolts. Ratcheting transmission brackets are readily removable for handling differentials, fuel tanks, radiators etc. Adapter is standard equipment.

ONE YEAR GUARANTEE

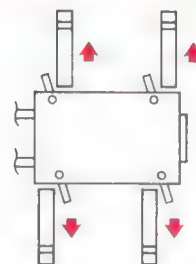
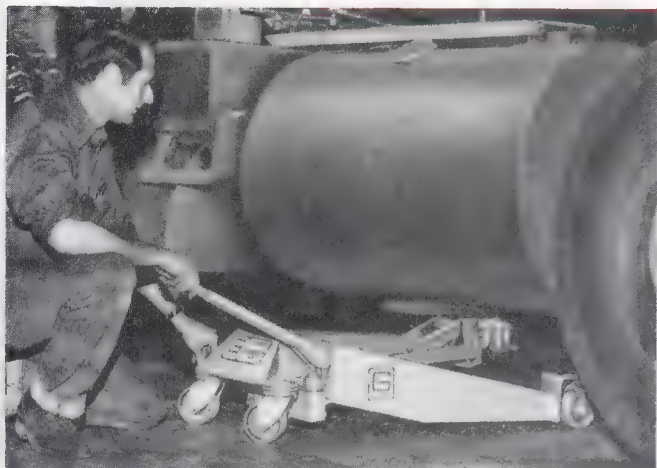
This Gray Lift, INCLUDING THE HYDRAULIC UNIT, is guaranteed for one year against all types of damage resulting from normal use which makes the lift unfit for service, with lifetime guarantee against defects in parts or workmanship.



DIFFERENTIAL REMOVAL AND REPLACEMENT. Large ball bearing casters allow easy positioning of the MM-2000 • Adapter provided to support and secure differential • Controls and pump readily accessible • Low and narrow at rear for accessibility and convenience.



INTRODUCING MM-2000 MULTI-MATIC HYDRAULIC TRUCK JACK

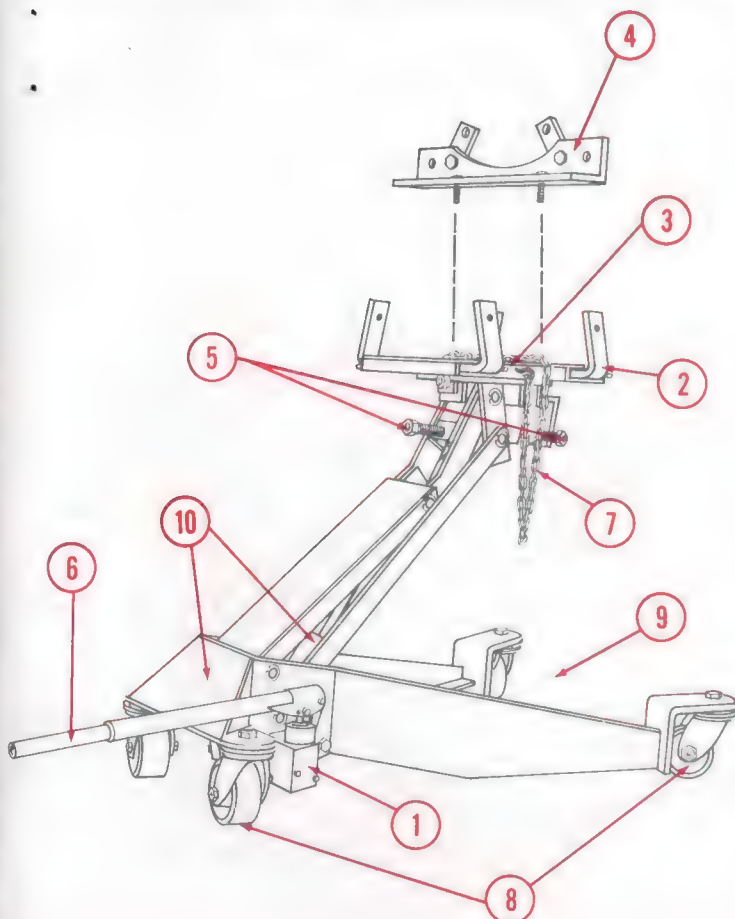


Transmission is stabilized by four ratcheting brackets which slide in freely and release with individual levers. Brackets may be completely removed to provide flat surface. **ENTIRE HEAD ROLLS 12°** either way side-to-side for exact positioning. **FORE-AFT TILT ADJUSTS FROM 36° FORWARD TO 11° BACK.** Safety chain provided.

FUEL TANK REMOVAL AND REPLACEMENT

CHECK THESE FEATURES:

- TWO-SPEED PUMP** — provides rapid rise to meet load and low handle effort for ease of lifting and positioning load.
- TRANSMISSION BRACKETS** — four ratcheting brackets adjust and lock in place . . . no tools needed. Brackets are easily removable to provide flat surface for general lifting needs.
- FLAT LIFTING SURFACE** — 10" x 15" for support and easy transporting of a variety of lifted components.
- DIFFERENTIAL ADAPTER** — furnished with jack, to support and secure differential for removal and replacement.
- TILT CONTROLS** — designed for ease of operation. Roller thrust bearings reduce effort to operate tilt controls. Fore-aft tilt adjusts from 36° forward to 11° back. Entire head rolls 12° either way, side-to-side.
- SWIVELING PUMP HANDLE** — pumps from front, side or rear. Always within easy reach.
- SAFETY CHAIN** — safety chain with take-up is furnished with jack.
- SWIVELING CASTERS** — for easy portability. Four large 4" swiveling steel casters with ball bearing mounts allow smooth movement under the truck for exact spotting and easy movement around the shop.
- OPEN FRONT DESIGN** — which allows use of jack to support rear of engine when removing transmission.
- HYDRAULIC UNIT** — self-contained hydraulic unit can be serviced or replaced if ever necessary. Unit features: Urethane seals, hard chrome plated ram and plunger, sealed system, stainless steel springs and balls. **HYDRAULIC UNIT IS GUARANTEED FOR ONE FULL YEAR!**
- FULLY ASSEMBLED** — The MM-2000 is shipped fully assembled and ready for use.



SPECIFICATIONS

Capacity — 2,000 pounds
Height — Down — 8"
Height — Up — 33½"
Powered Lift — 25½"

Tilt — Forward — 36°
Tilt — Rear — 11°
Tilt — Side — 12°

Length — 43"
Width — 28"
Height (frame) — 11"

Casters (4) — 4" diameter
Pump — 2-speed
Weight — 210 pounds

Specifications subject to change without notice.

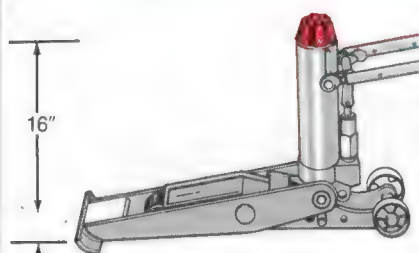


FLJ/400

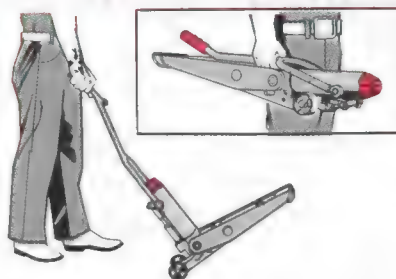
**A portable jack
designed
specifically
for raising
machinery or
fork lift trucks**



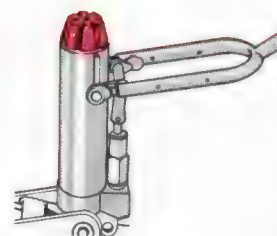
low start of 2¼ inches



Mini-Brute Power—Has a lift capacity of 8,000 pounds yet weighs only 60 lbs! Will lift from 2¼" to 16" for the easiest possible maintenance.



Easy Portability—"Walking Beam" fold-up design provides easy carrying or wheeling. Features a fold-down handle and hydraulic unit for ease in carrying the jack.



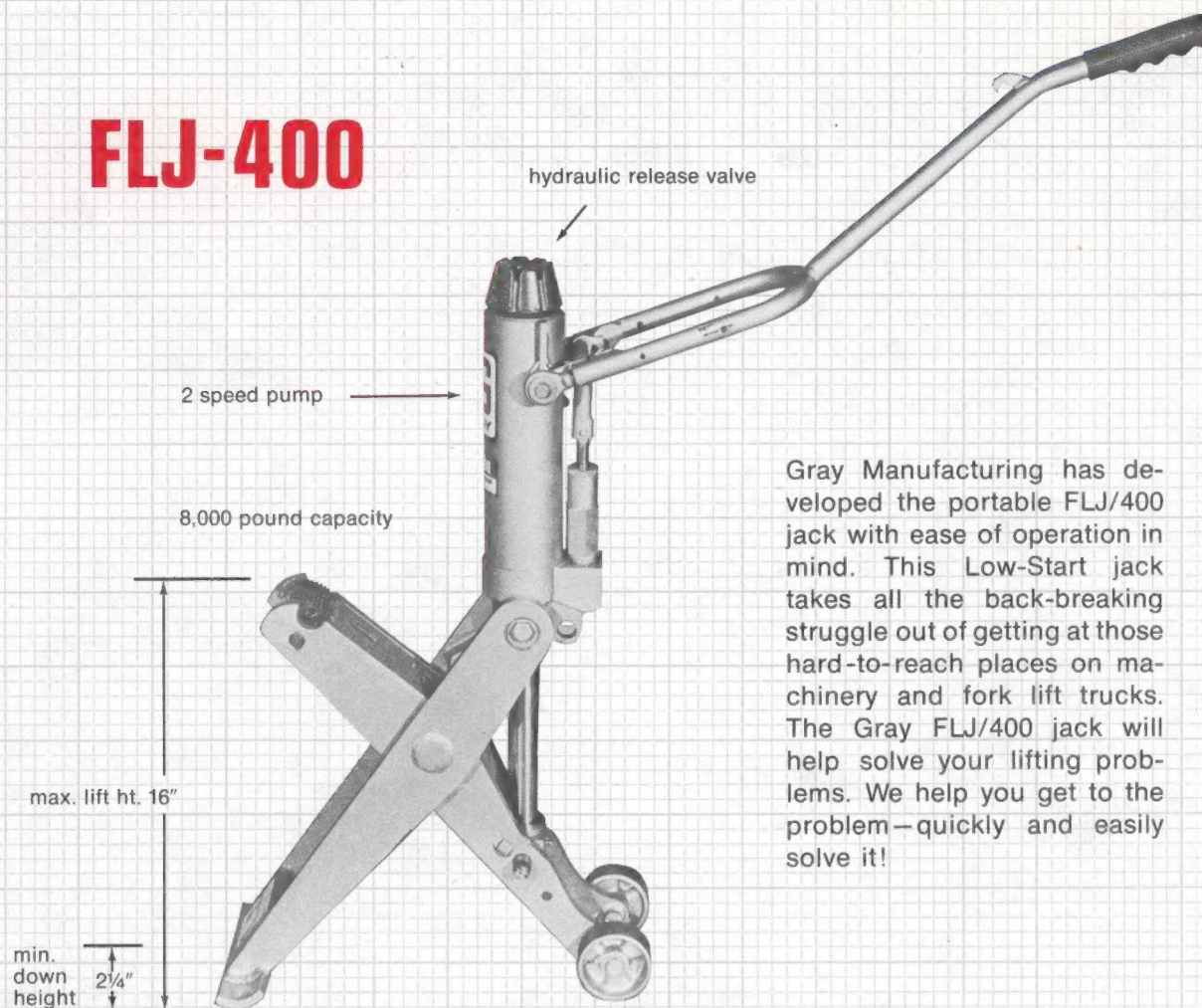
Two-Speed Pump—Raises lift-pad quickly to meet load and then automatically adjusts to low speed for easier lifting.



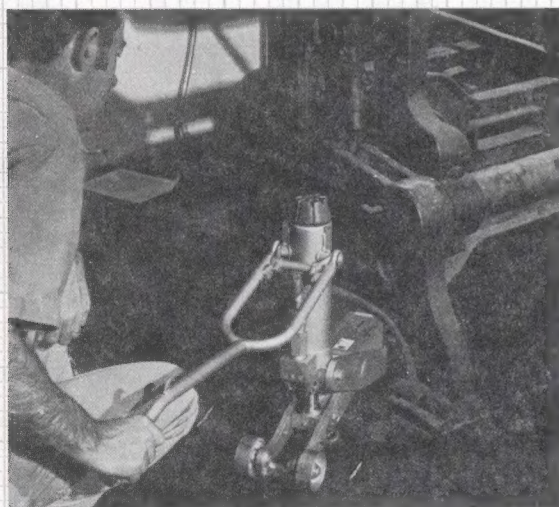
The FLJ/400 is guaranteed for two years against all types of damage resulting from normal use which makes the jack unfit for service.

GRAY Manufacturing Company, Inc.
1316 Frederick Ave./St. Joseph, Missouri 64501

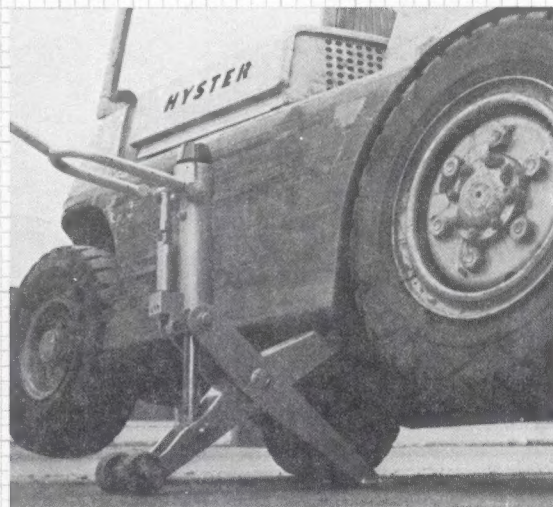
FLJ-400



Gray Manufacturing has developed the portable FLJ/400 jack with ease of operation in mind. This Low-Start jack takes all the back-breaking struggle out of getting at those hard-to-reach places on machinery and fork lift trucks. The Gray FLJ/400 jack will help solve your lifting problems. We help you get to the problem—quickly and easily solve it!



The FLJ/400 raising a piece of plant machinery for easy maintenance.



The FLJ/400 raising a fork lift to get at those hard-to-reach places.

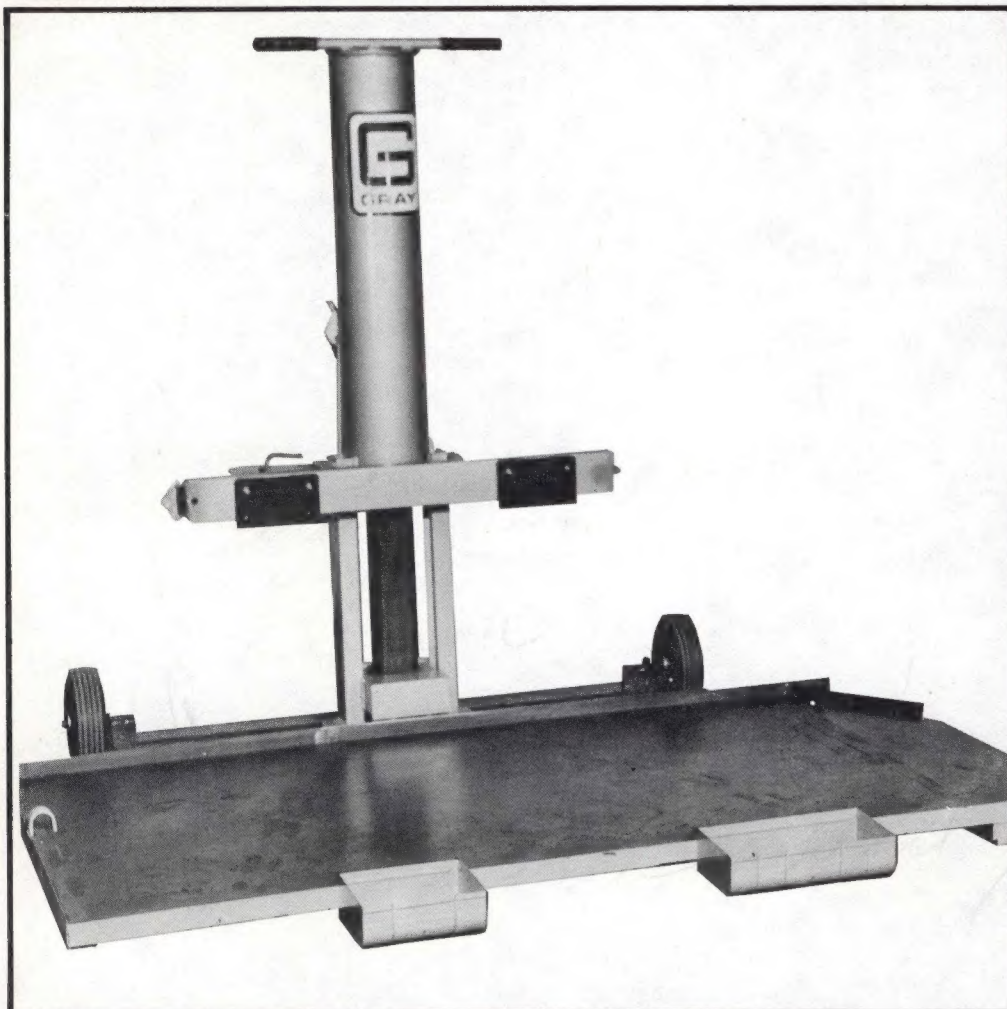


GRAY Manufacturing Company, Inc.
1316 Frederick Ave./St. Joseph, Missouri 64501



APL-1000

APPLIANCE PLATFORM LIFT



The air operated APL-1000 saves time and reduces mechanic fatigue by getting the work up to a convenient level. The APL-1000 is equipped with large 6" semi-pneumatic wheels so that it can be easily moved to any location in your service department. The full-time safety lock and appliance stabilizing belts are provided as safeguards for the mechanic.

SPECIFICATIONS

- Capacity (max.) 1000 lbs.
- Air pressure required 40 lbs.
- Platform size 36 x 60.
- Platform height down 3 1/2"; up 31 1/2".
- Power lift 28".
- Overall width 73"; length 49"; height down 53".
- Shipping weight 360 lbs.

Specifications subject to change without notice.



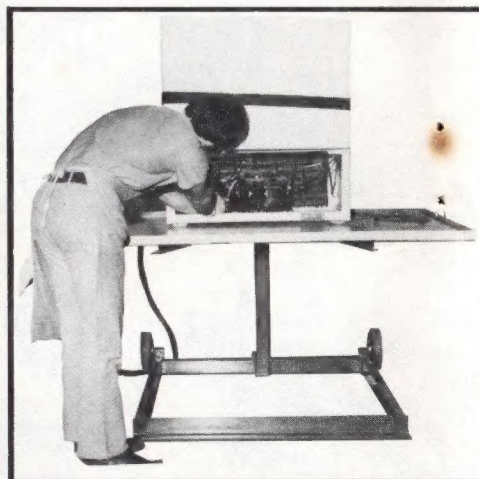
GRAY Manufacturing Company, Inc.

1316 Frederick Ave./St. Joseph, Missouri 64501

Telephone 800-821-7320 (Toll free)



Roll on ramp — one man can easily load and unload the appliance to be repaired.



Raises with just a touch of the finger to any of 4 convenient work levels. Speeds up repair and reduces maintenance fatigue by getting the appliance and the mechanic off the floor.

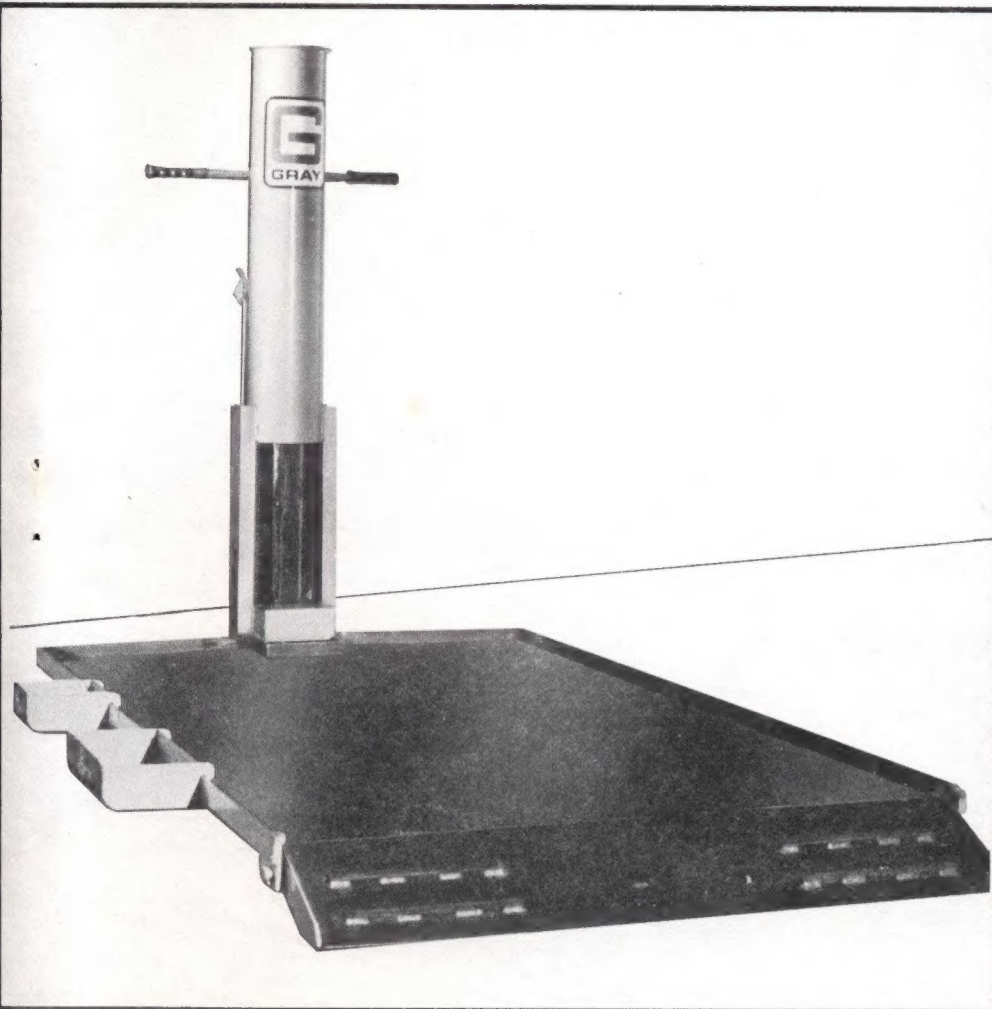


The APL-1000 is equipped with large 6" semi-pneumatic wheels so that it can be easily moved to any location in your service department.



G/T-PL-1000

Garden Tractor Platform Lift



The new GT/PL-1000 Air Operated Garden Tractor Lift will handle a 1,000 pound load with only 40 pounds air pressure. Easily mounted on the floor with four ½ inch bolts, the lift speeds up repairs and reduces mechanic fatigue by getting the work off the floor and up to work-bench height. The drive-on ramp is self-chocking as the platform is raised. An automatic safety lock is provided as a safeguard for the mechanic.

Specifications

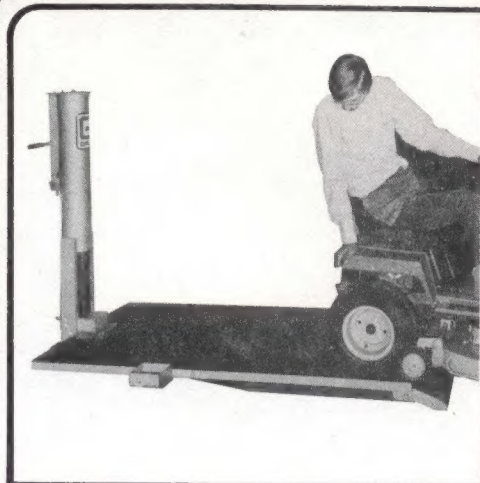
- Capacity - 1,000 pounds
- Platform size - 42" x 68"
- Platform height up - 31-½"; down - 3-½"
- Powered Lift - 28"
- Weight 465 pounds
- Overall width - 43" length; 88" height; down 53"
- Automatic Safety Lock

Specifications subject to change without notice.

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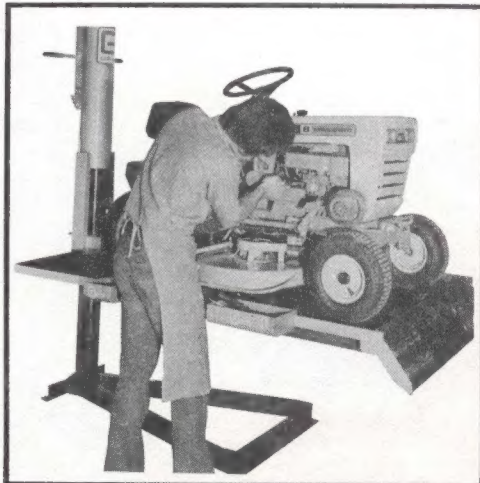
Telephone 800-821-7320 (Toll free)



Drive-on ramp makes loading a cinch. Cleats give plenty of traction.



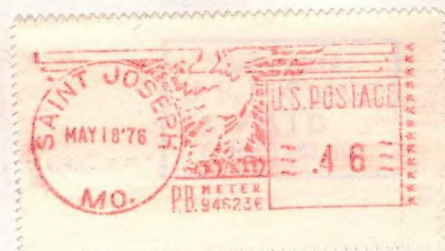
Up to 1,000 pound load easily raised with only 40 pounds of air pressure.



Getting the work up off the floor reduces mechanic fatigue and increases production.



GRAY Manufacturing Company, Inc.
1316 Frederick Ave.
St. Joseph, Missouri 64501



Francis Ryan
Chelsea Rigging
Box 38
Chelsea, Vermont 05038



For more information please write:

GRAY Manufacturing Company, Inc.
1316 Frederick Ave. / St. Joseph, Missouri 64501

Or call Toll-free:
800-821-7320